

Message

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**From:** Curtis, Jennifer [Curtis.Jennifer@epa.gov]  
**Sent:** 10/29/2018 6:13:52 PM  
**To:** Chu, Rebecca [Chu.Rebecca@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]  
**Subject:** RE: Chu, Rebecca shared "R10 ORA Briefing Paper and Talking Points Chris Meet and Greet with Col Borders" with you.  
  
**Flag:** Follow up

Please feel free to edit the Nanushuk information I added this morning as you see fit. It does not exactly fit the section it is in, but there doesn't appear to be another location for it.

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**From:** Chu, Rebecca  
**Sent:** Monday, October 29, 2018 9:55 AM  
**To:** Nogi, Jill <nogi.jill@epa.gov>; LaCroix, Matthew <LaCroix.Matthew@epa.gov>; Peterson, Erik <Peterson.Erik@epa.gov>; Thiesing, Mary <Thiesing.Mary@epa.gov>; Curtis, Jennifer <Curtis.Jennifer@epa.gov>; Vaughan, Molly <Vaughan.Molly@epa.gov>  
**Subject:** RE: Chu, Rebecca shared "R10 ORA Briefing Paper and Talking Points Chris Meet and Greet with Col Borders" with you.

I have shared the link with Jennifer & Molly (Erik already has access).

On the 404 side: the meeting between the RA and the DE is part of our ongoing effort to implement the MOA signed between the Administrator and the Corps specific to Alaska. It's something that we identified as next steps with HQ, who is tracking this closely. I put together some draft talking points that David, Matt, Linda & I discussed in our meeting. The guidance we received was to keep the talking points concise. For what it's worth.

**Personal Matters / Ex. 6** Thank you Mary Anne and Matt for helping to clean these up for 404.

Rebecca Chu | Acting Unit Manager  
Aquatic Resources Unit  
United States Environmental Protection Agency  
Region 10  
1200 Sixth Ave Suite 900  
MS-140  
Seattle, WA 98101  
(206) 553-1774  
[Chu.Rebecca@epa.gov](mailto:Chu.Rebecca@epa.gov)

---

**From:** Nogi, Jill  
**Sent:** Sunday, October 28, 2018 3:43 PM  
**To:** Chu, Rebecca <[Chu.Rebecca@epa.gov](mailto:Chu.Rebecca@epa.gov)>; LaCroix, Matthew <[LaCroix.Matthew@epa.gov](mailto:LaCroix.Matthew@epa.gov)>; Peterson, Erik <[Peterson.Erik@epa.gov](mailto:Peterson.Erik@epa.gov)>; Thiesing, Mary <[Thiesing.Mary@epa.gov](mailto:Thiesing.Mary@epa.gov)>; Curtis, Jennifer <[Curtis.Jennifer@epa.gov](mailto:Curtis.Jennifer@epa.gov)>; Vaughan, Molly <[Vaughan.Molly@epa.gov](mailto:Vaughan.Molly@epa.gov)>  
**Subject:** RE: Chu, Rebecca shared "R10 ORA Briefing Paper and Talking Points Chris Meet and Greet with Col Borders" with you.

Hi Becky,  
David and I talked on Friday about having bullet points ready for Chris to bring up with the Colonel regarding our efforts/thinking on Nanushuk, Pebble, Ambler, Willow and Coastal Plain – a number of the big NEPA projects in AK. The Corps is the lead on Pebble and Nanushuk and will be coordinating/collaborating with us regarding our 404/aquatic resource related comments on the BLM-led projects on the list. Jennifer Curtis is the lead point of contact for NEPA for

Nanushuk and Molly Vaughan is the lead point of contact on the other projects. David had mentioned that he wanted to talk with Chris about everything we pull together prior to the 16<sup>th</sup>. If we've set 11/6 as the deadline to get it to David and Linda, I would ask that the NEPA leads please have bullet points/talking points ready for me to take a look by Friday 11/2 – and I can help add points to this as well, if needed, by the 6<sup>th</sup>.

Please also share your one drive link with Molly and Jennifer – Erik is working on the 404(c) team effort but isn't working on the NEPA EIS review, which would be separate talking points for Chris, if we wanted to bring up both. Thanks everyone – we'll be in good shape getting everything together in plenty of time! Your help in developing this is much appreciated.

Personal Matters / Ex. 6

Jill

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**From:** Chu, Rebecca

**Sent:** Friday, October 26, 2018 2:53 PM

**To:** LaCroix, Matthew <LaCroix.Matthew@epa.gov>; Peterson, Erik <Peterson.Erik@epa.gov>; Thiesing, Mary <Thiesing.Mary@epa.gov>; Nogi, Jill <nogi.jill@epa.gov>

**Subject:** Chu, Rebecca shared "R10 ORA Briefing Paper and Talking Points Chris Meet and Greet with Col Borders" with you.

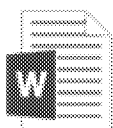
All

The RA is meeting with the new District Engineer at the Alaska District on 11-16. David has asked us to put together some talking points for the RA, and we're going to get these to David and Linda by 11-6. I understand that David spoke with Jill re: talking points specific to Bristol Bay. So including Jill and Eric if they'd like to join ARU in what we're putting together for Linda/David and the RA.

Matt & Mary Anne- my notes are from our discussions. Feel free to reframe and clean up.



This link only works for the direct recipients of this message.



R10 ORA Briefing Paper and Talking Points Chris Meet and Greet with Col Borders

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Microsoft Corporation, One Microsoft Way, Redmond, WA 98052



Message

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**From:** Chu, Rebecca [Chu.Rebecca@epa.gov]  
**Sent:** 10/26/2018 9:53:04 PM  
**To:** LaCroix, Matthew [LaCroix.Matthew@epa.gov]; Peterson, Erik [Peterson.Erik@epa.gov]; Thiesing, Mary [Thiesing.Mary@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]  
**Subject:** Chu, Rebecca shared "R10 ORA Briefing Paper and Talking Points Chris Meet and Greet with Col Borders" with you.

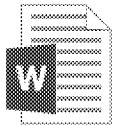
All

The RA is meeting with the new District Engineer at the Alaska District on 11-16. David has asked us to put together some talking points for the RA, and we're going to get these to David and Linda by 11-6. I understand that David spoke with Jill re: talking points specific to Bristol Bay. So including Jill and Eric if they'd like to join ARU in what we're putting together for Linda/David and the RA.

Matt & Mary Anne- my notes are from our discussions. Feel free to reframe and clean up.



This link only works for the direct recipients of this message.



R10 ORA Briefing Paper and Talking Points Chris Meet and Greet with Col Borders

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Message

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**From:** Barton, Justine [Barton.Justine@epa.gov]  
**Sent:** 10/22/2018 3:00:27 PM  
**To:** Nogi, Jill [nogi.jill@epa.gov]  
**Subject:** RE: Hot Topics for ERSMU this week

Got it! Take care! JB ☺

.....  
Justine Barton | Ecologist | U.S. Environmental Protection Agency  
Sediment Management Unit | 1200 6<sup>th</sup> Avenue, Suite 155 | Seattle, WA 98101 | 206.553.6051 |  
barton.justine@epa.gov

---

**From:** Nogi, Jill  
**Sent:** Monday, October 22, 2018 7:55 AM  
**To:** Barton, Justine <Barton.Justine@epa.gov>; Allnutt, David <Allnutt.David@epa.gov>  
**Cc:** Anderson-Carnahan, Linda <Anderson-Carnahan.Linda@epa.gov>  
**Subject:** Hot Topics for ERSMU this week

Justine – If you can attend the Hot Topics meeting at 11:30 today in the Elwha Room for ERSMU, that would be very helpful. If not, please help me find someone who could attend.

Topics to mention for David to determine what to share with the ET later today (and if David asks for write up in the Weekly, please ask staff for a paragraph that you can review/email to David and Linda on Wednesday before noon. David and Linda make any final edits before they can upload the information to the R10 Weekly Sharepoint Site):

**Non-Responsive: Unrelated to Bristol Bay/Pebble Mine**

**Deliberative Process / Ex. 5**

**Non-Responsive: Unrelated to Bristol Bay/Pebble Mine**

Thanks  
Jill

Message

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**From:** Chu, Rebecca [Chu.Rebecca@epa.gov]  
**Sent:** 11/6/2018 5:43:39 PM  
**To:** Nogi, Jill [nogi.jill@epa.gov]  
**Subject:** RE: briefing paper

Jill

I cleaned up the 404 side and a quick summary of projects for the purposes of “talking points” (not tons of details there).

The “talking points” on Pebble need some editing. I am deferring to you on that. Placeholders for those areas that are NEPA specific.

Let me know when you have had a chance to edit, and I’ll pass on to Linda and David once you are done.

Rebecca Chu | Acting Unit Manager  
Aquatic Resources Unit  
United States Environmental Protection Agency  
Region 10  
1200 Sixth Ave Suite 900  
MS-140  
Seattle, WA 98101  
(206) 553-1774  
Chu.Rebecca@epa.gov

---

**From:** Nogi, Jill  
**Sent:** Tuesday, November 06, 2018 9:02 AM  
**To:** Chu, Rebecca <Chu.Rebecca@epa.gov>  
**Subject:** briefing paper

Hi Becky – I have windows of time to work on it between 10-11 or 12-1 today. I’m booked solid the rest of the day ... so if at all possible, let me know if it will work for you if I take a shot at it during those windows. I’d like to have it ready by the end of the day today if possible – then we can give David some time to do what he wants to do with it before Friday. Thanks! Jill

Message

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**From:** Vaughan, Molly [no-reply@sharepointonline.com]  
**Sent:** 7/18/2018 6:56:03 PM  
**To:** Nogi, Jill [nogi.jill@epa.gov]  
**CC:** Vaughan, Molly [Vaughan.Molly@epa.gov]  
**Subject:** Vaughan, Molly has shared 'Pre Draft 3.16 comments draft 071818'

**Flag:** Follow up

Hi Jill - as we discussed, here are the draft comments on Pebble Preliminary Draft Sections 3.16 and 3.26, for your review if you have time. I plan to finalize these with Patty on Monday when she returns, and transmit to the Corps.

Thank you,

Molly

[Open Pre Draft 3.16 comments draft 071818.docx](#)

See more related to Vaughan, Molly in Delve.



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Message

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**From:** Vaughan, Molly [Vaughan.Molly@epa.gov]  
**Sent:** 10/1/2018 6:29:41 PM  
**To:** Nogi, Jill [nogi.jill@epa.gov]  
**Subject:** RE: Bi-Weekly Check in with Molly

Yes, I will look for another time. I have two updates I was going to bring up:

- 1) I expect to send you the draft comments on the Pebble Preliminary Alternatives this afternoon, for your review if interested. They are due to the Corps Wednesday 10/3

## Non-Responsive: Unrelated to Bristol Bay/Pebble Mine

Thanks,  
Molly

-----Original Appointment-----

**From:** Nogi, Jill  
**Sent:** Monday, October 01, 2018 10:25 AM  
**To:** Vaughan, Molly  
**Subject:** Declined: Bi-Weekly Check in with Molly  
**When:** Monday, October 01, 2018 3:00 PM-3:30 PM (UTC-08:00) Pacific Time (US & Canada).  
**Where:** Molly will call Jill at 3-1841

Molly – can we look to reschedule our call and catch up again some other time soon? I'm working through a FOIA deadline and need to be done today or tomorrow... Sorry about this – I think we're in a good place for now and let's catch up again about FY19 maybe next week, before you come to Seattle...

Thank you!  
Jill

Message

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**From:** Vaughan, Molly [Vaughan.Molly@epa.gov]  
**Sent:** 7/2/2018 11:04:11 PM  
**To:** Nogi, Jill [nogi.jill@epa.gov]  
**Subject:** Please Review - Pebble Prelim Ch 3. Comments  
**Attachments:** Pre Draft Ch3 comments draft 070218.docx

**Flag:** Follow up

Hi Jill – Here are the draft comments on the preliminary Ch3 sections that were shared with EPA for review. These were developed by the review team technical experts, compiled and edited by me, and reviewed by Patty. Please let me know if you have any additional edits, by no later than Thursday morning. Comments are due to the Corps Thursday 7/5.

Thank you,

Molly

~~~~~

Molly Vaughan  
U.S. Environmental Protection Agency Region 10  
Alaska Operations Office  
222 W. 7<sup>th</sup> Avenue #19  
Anchorage, AK 99513-7588

907-271-1215

[vaughan.molly@epa.gov](mailto:vaughan.molly@epa.gov)

~~~~~

Message

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**From:** Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]  
**Sent:** 6/20/2018 5:20:54 PM  
**To:** Nogi, Jill [nogi.jill@epa.gov]; Peterson, Erik [Peterson.Erik@epa.gov]  
**Subject:** Pebble EIS letter?

**Flag:** Follow up

Hi Folks,

Just checking in on the Pebble EIS comments letter....

Timing to send to Corps?

Please remember that before we send the letter, we need to talk through the salient points and our potential messages for any press inquiries.

Thanks!

Suzanne

***Suzanne Skadowski***

*Public Affairs Specialist | Media Relations*

*U.S. Environmental Protection Agency*

*Region 10 Pacific Northwest - Seattle*

*O: 206-553-2160 C: 206-900-3309*

*Follow us on Twitter! [@EPAnorthwest](#)*

*Like us on Facebook! [@eparegion10](#)*

Message

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**From:** Barton, Justine [Barton.Justine@epa.gov]  
**Sent:** 5/21/2018 10:02:06 PM  
**To:** Nogi, Jill [nogi.jill@epa.gov]  
**Subject:** Pebble

Hi Jill – Just heard from Chris that Pebble has dropped the dredging part of their project (wow!)...so looks like for now

**Deliberative Process / Ex. 5**

JB ☺

.....  
Justine Barton | Ecologist | U.S. Environmental Protection Agency  
Sediment Management Unit | 1200 6<sup>th</sup> Avenue, Suite 155 | Seattle, WA 98101 | 206.553.6051 |  
barton.justine@epa.gov

Message

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**From:** Meade, Christopher [no-reply@sharepointonline.com]  
**Sent:** 6/1/2018 9:34:02 AM  
**To:** Nogi, Jill [nogi.jill@epa.gov]  
**CC:** Meade, Christopher [Meade.Chris@epa.gov]  
**Subject:** Meade, Christopher has shared 'Pebble Mine'

Here's the folder that Meade, Christopher shared with you.

[Go to Pebble Mine](#)



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Message

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**From:** Nogi, Jill [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=8E6AA4CE4A754CD09F8490A81F581DE9-NOGI, JILL]  
**Sent:** 5/30/2018 2:09:46 PM  
**To:** Schaedle, Candi [Schaedle.Candi@epa.gov]  
**Subject:** Region 10 Project Forecast Report -May 30  
**Attachments:** OFA\_OP Project Forecast Report 25 May 2018\_Region 10.docx

Candi-

Thanks for sharing the template and for answering questions. Region 10 has edited what was shared earlier and added a few projects of potential interest to be included in the report. Please feel free to call me if you need any additional information.

Jill

Message

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**From:** Nogi, Jill [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=8E6AA4CE4A754CD09F8490A81F581DE9-NOGI, JILL]  
**Sent:** 5/29/2018 11:13:39 PM  
**To:** Curtis, Jennifer [Curtis.Jennifer@epa.gov]  
**Subject:** RE: QUICK TURNAROUND: Reporting of Regional projects that are/will be receiving HQ visibility (due no later than 5/30)

Thank you, Jennifer! I appreciate your help with this. I'll send back to Candi tomorrow morning. Take care and talk with you soon.

Jill

---

**From:** Curtis, Jennifer  
**Sent:** Tuesday, May 29, 2018 3:33 PM  
**To:** Nogi, Jill <nogi.jill@epa.gov>; McGrath, Patricia <mcgrath.patricia@epa.gov>  
**Subject:** RE: QUICK TURNAROUND: Reporting of Regional projects that are/will be receiving HQ visibility (due no later than 5/30)

Hi Jill,

**Non-Responsive: Unrelated to Bristol Bay/Pebble Mine**

Please feel free

to edit as you see fit.

---

**From:** Nogi, Jill  
**Sent:** Tuesday, May 29, 2018 5:37 AM  
**To:** Curtis, Jennifer <Curtis.Jennifer@epa.gov>; McGrath, Patricia <mcgrath.patricia@epa.gov>  
**Subject:** FW: QUICK TURNAROUND: Reporting of Regional projects that are/will be receiving HQ visibility (due no later than 5/30)

Hi Jennifer and Patty –

More information related to HQ quick turnaround request for you. I wanted to have Candi clarify what needs to be on the report by 9am Pacific/8am AK time tomorrow to meet the deadline. I'm teleworking today so if you want to talk through the request this morning, please feel free to call my work cell at 206-316-0219. We will want to run the Pebble update through Ashley today too. Thanks so much for your help with this! If you are both able to send your edits/additional information to me before you leave the office today, I'll compile and send out to Candi tomorrow morning.

Hope you had a great weekend! Jill

---

**From:** Schaedle, Candi  
**Sent:** Friday, May 25, 2018 11:15 AM  
**To:** Nogi, Jill <nogi.jill@epa.gov>  
**Subject:** RE: QUICK TURNAROUND: Reporting of Regional projects that are/will be receiving HQ visibility (due no later than 5/30)

**Non-Responsive: Unrelated to Bristol Bay/Pebble Mine**

Rob did mention that he wanted Pebble listed since the AA is aware of this project.

**Non-Responsive: Unrelated to Bristol Bay/Pebble Mine**

**Non-Responsive:  
Unrelated to Bristol  
Bay/Pebble Mine**

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**From:** Nogi, Jill

**Sent:** Friday, May 25, 2018 1:40 PM

**To:** Schaedle, Candi <[Schaedle.Candi@epa.gov](mailto:Schaedle.Candi@epa.gov)>

**Subject:** RE: QUICK TURNAROUND: Reporting of Regional projects that are/will be receiving HQ visibility (due no later than 5/30)

Candi, a few more questions for you. Thank you! I want to make sure whether OFA/OP is mostly interested in the projects for which we anticipate the DEIS to be released (and is that in the next 2 weeks as stated at the top of the report?). The DEIS for Pebble is anticipated this fall on the report that you shared, so not in the next 2 weeks – should it be on here or on a later report?

**Non-Responsive:  
Unrelated to Bristol**

**Non-Responsive: Unrelated to Bristol Bay/Pebble Mine**

Thanks for working with us on this! By the way, a lot of people aren't in today, so there's really only the one day next Tuesday to work on this and get it back to you. I think it will be super helpful to understand what makes the cut for being reported on this forecast report, and how often you will be asking the Regions to update it. Is it once a month, bi-monthly, more often – so that if we know things are happening later in the summer in some cases, would you want those reported now as well?

Jill

---

**From:** Schaedle, Candi

**Sent:** Friday, May 25, 2018 10:32 AM

**To:** Timmermann, Timothy <[Timmermann.Timothy@epa.gov](mailto:Timmermann.Timothy@epa.gov)>; Rudnick, Barbara <[Rudnick.Barbara@epa.gov](mailto:Rudnick.Barbara@epa.gov)>

**Cc:** Goforth, Kathleen <[Goforth.Kathleen@epa.gov](mailto:Goforth.Kathleen@epa.gov)>; Musumeci, Grace <[Musumeci.Grace@epa.gov](mailto:Musumeci.Grace@epa.gov)>; Militscher, Chris <[Militscher.Chris@epa.gov](mailto:Militscher.Chris@epa.gov)>; Westlake, Kenneth <[westlake.kenneth@epa.gov](mailto:westlake.kenneth@epa.gov)>; Houston, Robert <[Houston.Robert@epa.gov](mailto:Houston.Robert@epa.gov)>; Tapp, Joshua <[Tapp.Joshua@epa.gov](mailto:Tapp.Joshua@epa.gov)>; Strobel, Philip <[Strobel.Philip@epa.gov](mailto:Strobel.Philip@epa.gov)>; Nogi, Jill <[nogi.jill@epa.gov](mailto:nogi.jill@epa.gov)>; Knight, Kelly <[knight.kelly@epa.gov](mailto:knight.kelly@epa.gov)>; Dunning, Connell <[Dunning.CConnell@epa.gov](mailto:Dunning.CConnell@epa.gov)>; Moutoux, Nicole <[Moutoux.Nicole@epa.gov](mailto:Moutoux.Nicole@epa.gov)>; Lapp, Jeffrey <[lapp.jeffrey@epa.gov](mailto:lapp.jeffrey@epa.gov)>

**Subject:** RE: QUICK TURNAROUND: Reporting of Regional projects that are/will be receiving HQ visibility (due no later than 5/30)

**Non-Responsive: Unrelated to Bristol Bay/Pebble Mine**

## Non-Responsive: Unrelated to Bristol Bay/Pebble Mine

I hope this helps!

**From:** Timmermann, Timothy

**Sent:** Friday, May 25, 2018 12:58 PM

**To:** Rudnick, Barbara <[Rudnick.Barbara@epa.gov](mailto:Rudnick.Barbara@epa.gov)>; Schaedle, Candi <[Schaedle.Candi@epa.gov](mailto:Schaedle.Candi@epa.gov)>

**Cc:** Goforth, Kathleen <[Goforth.Kathleen@epa.gov](mailto:Goforth.Kathleen@epa.gov)>; Musumeci, Grace <[Musumeci.Grace@epa.gov](mailto:Musumeci.Grace@epa.gov)>; Militscher, Chris <[Militscher.Chris@epa.gov](mailto:Militscher.Chris@epa.gov)>; Westlake, Kenneth <[westlake.kenneth@epa.gov](mailto:westlake.kenneth@epa.gov)>; Houston, Robert <[Houston.Robert@epa.gov](mailto:Houston.Robert@epa.gov)>; Tapp, Joshua <[Tapp.Joshua@epa.gov](mailto:Tapp.Joshua@epa.gov)>; Strobel, Philip <[Strobel.Philip@epa.gov](mailto:Strobel.Philip@epa.gov)>; Nogi, Jill <[nogi.jill@epa.gov](mailto:nogi.jill@epa.gov)>; Knight, Kelly <[knight.kelly@epa.gov](mailto:knight.kelly@epa.gov)>; Dunning, Connell <[Dunning.Connell@epa.gov](mailto:Dunning.Connell@epa.gov)>; Moutoux, Nicole <[Moutoux.Nicole@epa.gov](mailto:Moutoux.Nicole@epa.gov)>; Lapp, Jeffrey <[lapp.jeffrey@epa.gov](mailto:lapp.jeffrey@epa.gov)>

**Subject:** RE: QUICK TURNAROUND: Reporting of Regional projects that are/will be receiving HQ visibility (due no later than 5/30)

Candi:

## Non-Responsive: Unrelated to Bristol Bay/Pebble Mine

Thanks for fielding all the questions.

tt

Timothy L. Timmermann, Associate Director  
Office of Environmental Review  
EPA New England-Region 1  
5 Post Office Square, Suite 100  
Mail Code OEP 06-3  
Boston, MA 02109-3912

Email: [timmermann.timothy@epa.gov](mailto:timmermann.timothy@epa.gov)

Telephone: 617-918-1025

E-Fax: 617-918-0025

**From:** Rudnick, Barbara

**Sent:** Friday, May 25, 2018 12:39 PM

**To:** Schaedle, Candi <[Schaedle.Candi@epa.gov](mailto:Schaedle.Candi@epa.gov)>

**Cc:** Timmermann, Timothy <[Timmermann.Timothy@epa.gov](mailto:Timmermann.Timothy@epa.gov)>; Goforth, Kathleen <[Goforth.Kathleen@epa.gov](mailto:Goforth.Kathleen@epa.gov)>; Musumeci, Grace <[Musumeci.Grace@epa.gov](mailto:Musumeci.Grace@epa.gov)>; Militscher, Chris <[Militscher.Chris@epa.gov](mailto:Militscher.Chris@epa.gov)>; Westlake, Kenneth <[westlake.kenneth@epa.gov](mailto:westlake.kenneth@epa.gov)>; Houston, Robert <[Houston.Robert@epa.gov](mailto:Houston.Robert@epa.gov)>; Tapp, Joshua <[Tapp.Joshua@epa.gov](mailto:Tapp.Joshua@epa.gov)>; Strobel, Philip <[Strobel.Philip@epa.gov](mailto:Strobel.Philip@epa.gov)>; Nogi, Jill <[nogi.jill@epa.gov](mailto:nogi.jill@epa.gov)>; Knight, Kelly <[knight.kelly@epa.gov](mailto:knight.kelly@epa.gov)>; Dunning, Connell <[Dunning.Connell@epa.gov](mailto:Dunning.Connell@epa.gov)>; Moutoux, Nicole <[Moutoux.Nicole@epa.gov](mailto:Moutoux.Nicole@epa.gov)>; Lapp, Jeffrey <[lapp.jeffrey@epa.gov](mailto:lapp.jeffrey@epa.gov)>

**Subject:** FW: QUICK TURNAROUND: Reporting of Regional projects that are/will be receiving HQ visibility (due no later than 5/30)

Hi Candi,

## Non-Responsive: Unrelated to Bristol Bay/Pebble Mine

Sincerely,  
Barbara

---

**From:** Schaedle, Candi

**Sent:** Friday, May 25, 2018 11:38 AM

**To:** Goforth, Kathleen <[Goforth.Kathleen@epa.gov](mailto:Goforth.Kathleen@epa.gov)>

**Cc:** Timmermann, Timothy <[Timmermann.Timothy@epa.gov](mailto:Timmermann.Timothy@epa.gov)>; Musumeci, Grace <[Musumeci.Grace@epa.gov](mailto:Musumeci.Grace@epa.gov)>; Rudnick, Barbara <[Rudnick.Barbara@epa.gov](mailto:Rudnick.Barbara@epa.gov)>; Militscher, Chris <[Militscher.Chris@epa.gov](mailto:Militscher.Chris@epa.gov)>; Westlake, Kenneth <[westlake.kenneth@epa.gov](mailto:westlake.kenneth@epa.gov)>; Houston, Robert <[Houston.Robert@epa.gov](mailto:Houston.Robert@epa.gov)>; Tapp, Joshua <[Tapp.Joshua@epa.gov](mailto:Tapp.Joshua@epa.gov)>; Strobel, Philip <[Strobel.Philip@epa.gov](mailto:Strobel.Philip@epa.gov)>; Nogi, Jill <[nogi.jill@epa.gov](mailto:nogi.jill@epa.gov)>; Knight, Kelly <[knight.kelly@epa.gov](mailto:knight.kelly@epa.gov)>; Dunning, Connell <[Dunning.Connell@epa.gov](mailto:Dunning.Connell@epa.gov)>; Moutoux, Nicole <[Moutoux.Nicole@epa.gov](mailto:Moutoux.Nicole@epa.gov)>

**Subject:** RE: QUICK TURNAROUND: Reporting of Regional projects that are/will be receiving HQ visibility (due no later than 5/30)

Great questions – I've provided responses that I hope help and provide clarity.

## Non-Responsive: Unrelated to Bristol Bay/Pebble Mine

I will include Connell and Nicole on future emails – thanks for forward the email to them!

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**From:** Goforth, Kathleen

**Sent:** Friday, May 25, 2018 10:46 AM

**To:** Schaedle, Candi <[Schaedle.Candi@epa.gov](mailto:Schaedle.Candi@epa.gov)>

**Cc:** Timmermann, Timothy <[Timmermann.Timothy@epa.gov](mailto:Timmermann.Timothy@epa.gov)>; Musumeci, Grace <[Musumeci.Grace@epa.gov](mailto:Musumeci.Grace@epa.gov)>; Rudnick, Barbara <[Rudnick.Barbara@epa.gov](mailto:Rudnick.Barbara@epa.gov)>; Militscher, Chris <[Militscher.Chris@epa.gov](mailto:Militscher.Chris@epa.gov)>; Westlake, Kenneth <[westlake.kenneth@epa.gov](mailto:westlake.kenneth@epa.gov)>; Houston, Robert <[Houston.Robert@epa.gov](mailto:Houston.Robert@epa.gov)>; Tapp, Joshua <[Tapp.Joshua@epa.gov](mailto:Tapp.Joshua@epa.gov)>; Strobel, Philip <[Strobel.Philip@epa.gov](mailto:Strobel.Philip@epa.gov)>; Nogi, Jill <[nogi.jill@epa.gov](mailto:nogi.jill@epa.gov)>; Knight, Kelly <[knight.kelly@epa.gov](mailto:knight.kelly@epa.gov)>; Dunning, Connell <[Dunning.Connell@epa.gov](mailto:Dunning.Connell@epa.gov)>; Moutoux, Nicole <[Moutoux.Nicole@epa.gov](mailto:Moutoux.Nicole@epa.gov)>

**Subject:** Re: QUICK TURNAROUND: Reporting of Regional projects that are/will be receiving HQ visibility (due no later than 5/30)

Candi -

Thanks for the template. I have a few questions:

## Non-Responsive: Unrelated to Bristol Bay/Pebble Mine

Please include Connell Dunning and Nicole Moutoux on any messages requesting Regional action, especially when fast turnaround is required. That will help us ensure that nothing falls through the cracks if I am out of the office. I've cc'd them on this message.

Thanks -

-Kathy

Sent from my iPhone

On May 25, 2018, at 7:12 AM, Schaedle, Candi <[Schaedle.Candi@epa.gov](mailto:Schaedle.Candi@epa.gov)> wrote:

All –

We have been tasked to identify projects in the Regions that currently are or potentially will be receiving high-level political HQ review, visibility, and/or coordination. We've provided a template that you can use to report any projects – see below and the draft Project Forecast Report that is attached to this email. In the attachment, some projects have been filled in (R10/USACE/Pebble Mine/DEIS and R5/USACE/Seven Hills Mine/DEIS ), but please feel free to edit this information.

- **Region/Lead Agency/Project Name/EIS type (Draft, Final, Supplement)/Anticipated (insert date)**
  - **Background:**
  - **EPA Involvement:**
  - **Status:**

The sooner that you can provide us this information, the better. The latest that we can receive this info is by **NOON on Wednesday, May 30<sup>th</sup> (eastern time)**. If you have nothing to report, please let us know so that we can track this.

We really appreciate your assistance on this and apologize for the quick turnaround.

If you have any questions, please let me know.

Many, many thanks again for your help and I hope you have a wonderful weekend!

Candi Schaedle  
NEPA Compliance Division  
202-564-6121

<Project Forecast Report 25 May 2018.docx>

Message

---

**From:** McGrath, Patricia [mcgrath.patricia@epa.gov]  
**Sent:** 5/29/2018 8:42:06 PM  
**To:** Nogi, Jill [nogi.jill@epa.gov]  
**CC:** Palomaki, Ashley [Palomaki.Ashley@epa.gov]  
**Subject:** RE: QUICK TURNAROUND: Reporting of Regional projects that are/will be receiving HQ visibility (due no later than 5/30)  
**Attachments:** Project Forecast Report 25 May 2018\_pm\_ACP.docx; Project Forecast Report 25 May 2018\_pm\_ACP\_clean.docx

Hi Jill-

Here is an updated/revised Pebble report from Ashley and I, both clean and track changes versions.

**Non-Responsive: Unrelated to Bristol Bay/Pebble Mine**

Please let me know if you have questions.

Patty

---

**From:** Nogi, Jill  
**Sent:** Tuesday, May 29, 2018 6:37 AM  
**To:** Curtis, Jennifer <Curtis.Jennifer@epa.gov>; McGrath, Patricia <mcgrath.patricia@epa.gov>  
**Subject:** FW: QUICK TURNAROUND: Reporting of Regional projects that are/will be receiving HQ visibility (due no later than 5/30)

Hi Jennifer and Patty –

More information related to HQ quick turnaround request for you. I wanted to have Candi clarify what needs to be on the report by 9am Pacific/8am AK time tomorrow to meet the deadline. I'm teleworking today so if you want to talk through the request this morning, please feel free to call my work cell at 206-316-0219. We will want to run the Pebble update through Ashley today too. Thanks so much for your help with this! If you are both able to send your edits/additional information to me before you leave the office today, I'll compile and send out to Candi tomorrow morning.

Hope you had a great weekend! Jill

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**Sent:** Friday, May 25, 2018 11:15 AM  
**To:** Nogi, Jill <nogi.jill@epa.gov>  
**Subject:** RE: QUICK TURNAROUND: Reporting of Regional projects that are/will be receiving HQ visibility (due no later than 5/30)

**Non-Responsive: Unrelated to Bristol Bay/Pebble Mine**

Rob did mention that he wanted Pebble listed since the AA is aware of this project.

**Non-Responsive: Unrelated to Bristol Bay/Pebble Mine**

**Non-Responsive:  
Unrelated to Bristol  
Bay/Pebble Mine**

Right now, I can't state how often this document will need to be updated. But my guess is that it will be monthly to bi-monthly at most. We should know more after we get feedback from the AA – Rob is meeting with her at the end of next week.

---

**From:** Nogi, Jill

**Sent:** Friday, May 25, 2018 1:40 PM

**To:** Schaedle, Candi <[Schaedle.Candi@epa.gov](mailto:Schaedle.Candi@epa.gov)>

**Subject:** RE: QUICK TURNAROUND: Reporting of Regional projects that are/will be receiving HQ visibility (due no later than 5/30)

Candi, a few more questions for you. Thank you! I want to make sure whether OFA/OP is mostly interested in the projects for which we anticipate the DEIS to be released (and is that in the next 2 weeks as stated at the top of the report?). The DEIS for Pebble is anticipated this fall on the report that you shared, so not in the next 2 weeks – should it be on here or on a later report?

**Non-Responsive:  
Unrelated to Bristol**

**Non-Responsive: Unrelated to Bristol Bay/Pebble Mine**

Thanks for working with us on this! By the way, a lot of people aren't in today, so there's really only the one day next Tuesday to work on this and get it back to you. I think it will be super helpful to understand what makes the cut for being reported on this forecast report, and how often you will be asking the Regions to update it. Is it once a month, bi-monthly, more often – so that if we know things are happening later in the summer in some cases, would you want those reported now as well?

Jill

---

**From:** Schaedle, Candi

**Sent:** Friday, May 25, 2018 10:32 AM

**To:** Timmermann, Timothy <[Timmermann.Timothy@epa.gov](mailto:Timmermann.Timothy@epa.gov)>; Rudnick, Barbara <[Rudnick.Barbara@epa.gov](mailto:Rudnick.Barbara@epa.gov)>

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<[Houston.Robert@epa.gov](mailto:Houston.Robert@epa.gov)>; Tapp, Joshua <[Tapp.Joshua@epa.gov](mailto:Tapp.Joshua@epa.gov)>; Strobel, Philip <[Strobel.Philip@epa.gov](mailto:Strobel.Philip@epa.gov)>; Nogi, Jill <[nogi.jill@epa.gov](mailto:nogi.jill@epa.gov)>; Knight, Kelly <[knight.kelly@epa.gov](mailto:knight.kelly@epa.gov)>; Dunning, Connell <[Dunning.Connell@epa.gov](mailto:Dunning.Connell@epa.gov)>; Moutoux, Nicole <[Moutoux.Nicole@epa.gov](mailto:Moutoux.Nicole@epa.gov)>; Lapp, Jeffrey <[lapp.jeffrey@epa.gov](mailto:lapp.jeffrey@epa.gov)>

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**Non-Responsive: Unrelated to Bristol Bay/Pebble Mine**



I hope this helps!

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**Sent:** Friday, May 25, 2018 12:58 PM

**To:** Rudnick, Barbara <[Rudnick.Barbara@epa.gov](mailto:Rudnick.Barbara@epa.gov)>; Schaedle, Candi <[Schaedle.Candi@epa.gov](mailto:Schaedle.Candi@epa.gov)>

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Candi:

## Non-Responsive: Unrelated to Bristol Bay/Pebble Mine

Thanks for fielding all the questions.

tt

Timothy L. Timmermann, Associate Director  
Office of Environmental Review  
EPA New England-Region 1  
5 Post Office Square, Suite 100  
Mail Code OEP 06-3  
Boston, MA 02109-3912

Email: [timmermann.timothy@epa.gov](mailto:timmermann.timothy@epa.gov)  
Telephone: 617-918-1025  
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Hi Candi,

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Great questions – I've provided responses that I hope help and provide clarity.

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I will include Connell and Nicole on future emails – thanks for forward the email to them!

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Candi Schaedle  
NEPA Compliance Division  
202-564-6121

<Project Forecast Report 25 May 2018.docx>

Message

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**From:** Curtis, Jennifer [Curtis.Jennifer@epa.gov]  
**Sent:** 5/29/2018 3:32:13 PM  
**To:** Nogi, Jill [nogi.jill@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]  
**Subject:** RE: QUICK TURNAROUND: Reporting of Regional projects that are/will be receiving HQ visibility (due no later than 5/30)

Will do.

---

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tt

Timothy L. Timmermann, Associate Director  
Office of Environmental Review  
EPA New England-Region 1  
5 Post Office Square, Suite 100  
Mail Code OEP 06-3  
Boston, MA 02109-3912

Email: [timmermann.timothy@epa.gov](mailto:timmermann.timothy@epa.gov)

Telephone: 617-918-1025

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**From:** Goforth, Kathleen  
**Sent:** Friday, May 25, 2018 10:46 AM  
**To:** Schaedle, Candi <Schaedle.Candi@epa.gov>  
**Cc:** Timmermann, Timothy <Timmermann.Timothy@epa.gov>; Musumeci, Grace <Musumeci.Grace@epa.gov>; Rudnick, Barbara <Rudnick.Barbara@epa.gov>; Militscher, Chris <Militscher.Chris@epa.gov>; Westlake, Kenneth <westlake.kenneth@epa.gov>; Houston, Robert <Houston.Robert@epa.gov>; Tapp, Joshua <Tapp.Joshua@epa.gov>; Strobel, Philip <Strobel.Philip@epa.gov>; Nogi, Jill <nogi.jill@epa.gov>; Knight, Kelly <knight.kelly@epa.gov>; Dunning, Connell <Dunning.Connell@epa.gov>; Moutoux, Nicole <Moutoux.Nicole@epa.gov>  
**Subject:** Re: QUICK TURNAROUND: Reporting of Regional projects that are/will be receiving HQ visibility (due no later than 5/30)

Candi -  
Thanks for the template. I have a few questions:

## Non-Responsive: Unrelated to Bristol Bay/Pebble Mine

Please include Connell Dunning and Nicole Moutoux on any messages requesting Regional action, especially when fast turnaround is required. That will help us ensure that nothing falls through the cracks if I am out of the office. I've cc'd them on this message.

Thanks -  
-Kathy

Sent from my iPhone

On May 25, 2018, at 7:12 AM, Schaedle, Candi <[Schaedle.Candi@epa.gov](mailto:Schaedle.Candi@epa.gov)> wrote:

All –

We have been tasked to identify projects in the Regions that currently are or potentially will be receiving high-level political HQ review, visibility, and/or coordination. We've provided a template that you can use to report any projects – see below and the draft Project Forecast Report that is attached to this email. In the attachment, some projects have been filled in (R10/USACE/Pebble Mine/DEIS and R5/USACE/Seven Hills Mine/DEIS ), but please feel free to edit this information.

- **Region/Lead Agency/Project Name/EIS type (Draft, Final, Supplement)/Anticipated (insert date)**
  - **Background:**
  - **EPA Involvement:**
  - **Status:**

The sooner that you can provide us this information, the better. The latest that we can receive this info is by **NOON on Wednesday, May 30<sup>th</sup>** (eastern time). If you have nothing to report, please let us know so that we can track this.

We really appreciate your assistance on this and apologize for the quick turnaround.

If you have any questions, please let me know.

Many, many thanks again for your help and I hope you have a wonderful weekend!

Candi Schaedle  
NEPA Compliance Division  
202-564-6121

<Project Forecast Report 25 May 2018.docx>



Message

---

**From:** McGrath, Patricia [mcgrath.patricia@epa.gov]  
**Sent:** 6/13/2018 7:37:12 PM  
**To:** Vaughan, Molly [Vaughan.Molly@epa.gov]; Eckley, Chris [Eckley.Chris@epa.gov]; Maley, Timothy [maley.timothy@epa.gov]  
**CC:** Nogi, Jill [nogi.jill@epa.gov]  
**Subject:** RE: pebble site visit

And please hold these dates on your calendar until the actual date is confirmed.  
Thanks-Patty

---

**From:** McGrath, Patricia  
**Sent:** Wednesday, June 13, 2018 12:33 PM  
**To:** Molly Vaughan (Vaughan.Molly@epa.gov) <Vaughan.Molly@epa.gov>; Chris Eckley (Eckley.Chris@epa.gov) <Eckley.Chris@epa.gov>; Timothy Maley (maley.timothy@epa.gov) <maley.timothy@epa.gov>  
**Cc:** Jill Nogi (nogi.jill@epa.gov) <nogi.jill@epa.gov>  
**Subject:** pebble site visit

Hi All-

Thanks for your quick responses related to the request for available dates for a site visit.

Based on the responses, it looks like the only dates that work are:

7/30 (this would mean Sunday travel to Anchorage for Seattle folks)

7/31

8/20 (this would entail Sunday travel to Anchorage for Seattle folks)

8/21

Chris, Tim and Jill - Please confirm that Sunday afternoon/evening travel is acceptable to you in case the 7/30 and 8/20 dates, otherwise I will just forward the two Tuesday dates (7/31 and 8/21) as options.

Patty

**Patty McGrath | Mining Advisor**

U.S. Environmental Protection Agency, Region 10

1200 Sixth Avenue, Seattle, WA 98101

M/S: RAD-202

Office: (206) 553-6113

Cell: (206) 743-7068

[mcgrath.patricia@epa.gov](mailto:mcgrath.patricia@epa.gov)

Message

---

**From:** Barton, Justine [Barton.Justine@epa.gov]  
**Sent:** 5/24/2018 11:44:12 PM  
**To:** Nogi, Jill [nogi.jill@epa.gov]  
**Subject:** FW: Pebble NEPA/permitting team - documents for awareness review

And so it goes.... JB

.....  
Justine Barton | Ecologist | U.S. Environmental Protection Agency  
Sediment Management Unit | 1200 6<sup>th</sup> Avenue, Suite 155 | Seattle, WA 98101 | 206.553.6051 |  
barton.justine@epa.gov

---

**From:** Vaughan, Molly  
**Sent:** Thursday, May 24, 2018 3:48 PM  
**To:** McGrath, Patricia <mcgrath.patricia@epa.gov>; Meade, Christopher <Meade.Chris@epa.gov>; Godsey, Cindi <Godsey.Cindi@epa.gov>; Pepple, Karl <Pepple.Karl@epa.gov>; McAlpine, Jerrold <McAlpine.Jay@epa.gov>; Palomaki, Ashley <Palomaki.Ashley@epa.gov>; Wake, Neverley <wake.neverley@epa.gov>; Hough, Palmer <Hough.Palmer@epa.gov>; Schofield, Kate <Schofield.Kate@epa.gov>; Maley, Timothy <maley.timothy@epa.gov>; Eckley, Chris <Eckley.Chris@epa.gov>; Barton, Justine <Barton.Justine@epa.gov>; Douglas, Mark <douglas.mark@epa.gov>  
**Subject:** RE: Pebble NEPA/permitting team - documents for awareness review

Hi All,  
All of the materials received from the Corps to date are now on the Sharepoint site, in a folder labeled "Materials for 6-6-18 Cooperating Agency Meeting," for your perusal if interested.

**Internal Website/ Ex. 6**

Regards,  
Molly

---

**From:** McGrath, Patricia  
**Sent:** Friday, May 18, 2018 11:29 AM  
**To:** Vaughan, Molly <Vaughan.Molly@epa.gov>; LaCroix, Matthew <LaCroix.Matthew@epa.gov>; Meade, Christopher <Meade.Chris@epa.gov>; Godsey, Cindi <Godsey.Cindi@epa.gov>; Pepple, Karl <Pepple.Karl@epa.gov>; McAlpine, Jerrold <McAlpine.Jay@epa.gov>; Palomaki, Ashley <Palomaki.Ashley@epa.gov>; Wake, Neverley <wake.neverley@epa.gov>; Hough, Palmer <Hough.Palmer@epa.gov>; Schofield, Kate <Schofield.Kate@epa.gov>; Maley, Timothy <maley.timothy@epa.gov>; Eckley, Chris <Eckley.Chris@epa.gov>; Barton, Justine <Barton.Justine@epa.gov>; Douglas, Mark <douglas.mark@epa.gov>  
**Subject:** Pebble NEPA/permitting team - documents for awareness review

Pebble NEPA/permitting team –

The Corps has started sending us, and other cooperating agencies, information generated by PLP and the third-party EIS contractor (AECOM). This information includes AECOM's requests (to PLP) for additional information (RFAs) and PLP's responses. The Corps has begun adding these RFAs to the public EIS website. Molly and I will add this information to our SharePoint site as well.

The Corps has submitted this information to us and requested an awareness review, but is not requesting written comments.

For now, I want to bring your attention to two documents, attached:

1 – PLP Updates to the Proposed Project - PLP has made some updates to the project description. Please review this document so that you are aware of the changes.

## **Deliberative Process / Ex. 5**

## **Deliberative Process / Ex. 5**

2 – PLP Technical Note on Project Options and Screening Criteria – This document summarizes screening criteria and options used by PLP to develop its current project description. I expect the Corps will consider this information during alternatives development. Please review this document for awareness.

We will discuss these documents during our next team meeting on May 24, and I can provide more context. In the meantime, please let me know if you have questions.

Thanks-  
Patty

### **Patty McGrath | Mining Advisor**

U.S. Environmental Protection Agency, Region 10  
1200 Sixth Avenue, Seattle, WA 98101

M/S: RAD-202

Office: (206) 553-6113

Cell: (206) 743-7068

[mcgrath.patricia@epa.gov](mailto:mcgrath.patricia@epa.gov)

**From:** Barton, Justine [Barton.Justine@epa.gov]  
**Sent:** 5/24/2018 11:43:39 PM  
**To:** Nogi, Jill [nogi.jill@epa.gov]  
**Subject:** FW: Vaughan, Molly has invited you to 'Pebble Project Permitting Oversight and NEPA Review Team'

**Deliberative Process / Ex. 5**

.....  
Justine Barton | Ecologist | U.S. Environmental Protection Agency  
Sediment Management Unit | 1200 6<sup>th</sup> Avenue, Suite 155 | Seattle, WA 98101 | 206.553.6051 |  
barton.justine@epa.gov

**From:** Vaughan, Molly [mailto:no-reply@sharepointonline.com]  
**Sent:** Thursday, May 24, 2018 3:43 PM  
**To:** Barton, Justine <Barton.Justine@epa.gov>  
**Cc:** Vaughan, Molly <Vaughan.Molly@epa.gov>  
**Subject:** Vaughan, Molly has invited you to 'Pebble Project Permitting Oversight and NEPA Review Team'

Hi Justine. Thank you for agreeing to help on the Pebble Project in Chris's absence. Here is the link to the SharePoint site. --Molly

Go to Pebble Project Permitting Oversight and NEPA  
Review Team

Follow this site to get updates in your newsfeed.



Get the SharePoint mobile app!



Message

---

**From:** Niemiec, Maria J. [niemiec.maria@epa.gov]  
**Sent:** 6/25/2018 5:56:40 PM  
**To:** Detwiler, Susan K. [detwiler.susan@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]  
**CC:** Fordham, Tami [Fordham.Tami@epa.gov]  
**Subject:** RE: Pebble site visit

Ms. Sue and Ms. Patty –

**Deliberative Process / Ex. 5**

Thank you so much.

v/r

*Mia Niemiec*

Administrative Specialist  
EPA/Region 10  
Alaska Operations Office  
(907) 271-5083

---

**From:** Detwiler, Susan K.  
**Sent:** Monday, June 25, 2018 8:44 AM  
**To:** McGrath, Patricia <mcgrath.patricia@epa.gov>; Nogi, Jill <nogi.jill@epa.gov>; Niemiec, Maria J. <niemiec.maria@epa.gov>  
**Cc:** Fordham, Tami <Fordham.Tami@epa.gov>  
**Subject:** RE: Pebble site visit

**Deliberative Process / Ex. 5**

Sue

---

**From:** McGrath, Patricia  
**Sent:** Thursday, June 21, 2018 11:01 AM  
**To:** Detwiler, Susan K. <detwiler.susan@epa.gov>; Nogi, Jill <nogi.jill@epa.gov>  
**Cc:** Fordham, Tami <Fordham.Tami@epa.gov>  
**Subject:** Pebble site visit

Hi Sue-

A portion of EPA's technical team will be visiting the Pebble project site on July 31.

**Deliberative Process / Ex. 5**

**Deliberative Process / Ex.  
5**

## Deliberative Process / Ex. 5

Thanks and welcome to EPA!

Patty

**Patty McGrath | Mining Advisor**

U.S. Environmental Protection Agency, Region 10

1200 Sixth Avenue, Seattle, WA 98101

M/S: RAD-202

Office: (206) 553-6113

Cell: (206) 743-7068

[mcgrath.patricia@epa.gov](mailto:mcgrath.patricia@epa.gov)

Message

---

**From:** Vaughan, Molly [Vaughan.Molly@epa.gov]  
**Sent:** 10/30/2018 7:57:58 PM  
**To:** Nogi, Jill [nogi.jill@epa.gov]  
**Subject:** Draft comments on Pebble Sections - due 10/31  
**Attachments:** Comments Sections 3.1\_3.5\_4.1\_4.5 Draft 103018.docx

Hi Jill,

I apologize for the delay in sending these draft comments to you for review. As we discussed earlier, this is the first "installment" of the preliminary draft EIS sections. Comments are requested by Wednesday 10/31. However, the Corps informed Cooperating Agencies that it would be acceptable to request a few additional days for review of specific documents, where needed, so please let me know if you would like me to request an extension (to Friday?) for these comments.

Thank you,  
Molly

~~~~~  
Molly Vaughan  
U.S. Environmental Protection Agency Region 10  
Alaska Operations Office  
222 W. 7<sup>th</sup> Avenue #19  
Anchorage, AK 99513-7588

907-271-1215  
[vaughan.molly@epa.gov](mailto:vaughan.molly@epa.gov)  
~~~~~

Message

---

**From:** Vaughan, Molly [Vaughan.Molly@epa.gov]  
**Sent:** 11/6/2018 11:23:28 PM  
**To:** Nogi, Jill [nogi.jill@epa.gov]  
**Subject:** Please Review - Pebble Comments Ch3/Ch4 sections due 11/13  
**Attachments:** Comments Sections 3.1\_3.5\_4.1\_4.5 Draft 110618.docx

**Flag:** Follow up

Hi Jill,

The attached version contains edits made in response to Ashley's review comments. The edits were discussed by Ashley, Patty and myself and address the comments in the comment bubbles. I left in the comments and track changes so you could see what changed and why since the previous version you reviewed. Once I receive and address any additional edits from you, I assume the next step is transmitting these comments to the Corps, but please tell me if there is anyone else you want me to run these by before sending them.

Thanks,  
Molly

~~~~~  
Molly Vaughan  
U.S. Environmental Protection Agency Region 10  
Alaska Operations Office  
222 W. 7<sup>th</sup> Avenue #19  
Anchorage, AK 99513-7588

907-271-1215  
[vaughan.molly@epa.gov](mailto:vaughan.molly@epa.gov)  
~~~~~



Message

---

**From:** Vaughan, Molly [Vaughan.Molly@epa.gov]  
**Sent:** 5/8/2018 10:54:49 PM  
**To:** Nogi, Jill [nogi.jill@epa.gov]  
**Subject:** RE: Please Review - current draft of Pebble Letter

**Flag:** Follow up

Hi Jill,

**Personal Matters / Ex. 6**

My plan at this point is to send the letter to Patty for her review in its current form. I **Personal Matters / Ex. 6**, but will incorporate any comments from Chris (or Justine) Monday morning. It will be very problematic to add the comments in any later than that.

Thank you for your help.

--Molly

---

**From:** Nogi, Jill  
**Sent:** Tuesday, May 08, 2018 8:29 AM  
**To:** Meade, Christopher <Meade.Chris@epa.gov>  
**Cc:** Vaughan, Molly <Vaughan.Molly@epa.gov>  
**Subject:** FW: Please Review - current draft of Pebble Letter  
**Importance:** High

Chris,

I hope that you are doing well. Molly called this morning with her concern that she needs to keep the scoping letter moving through the internal review process as it needs to go to Patty McGrath today. As per her message below, she needs you to review the section related to dredged material management (pages 13-15) and provide any necessary edits, as well as adding a few sentences to the letter regarding upland disposal. The review schedule is tight and I anticipate that you only need to take about 30 minutes today to assist Molly with this. I know that you have been great about sharing your concerns with the team over the phone, so it should be a pretty easy task for you to complete your contributions to the scoping letter today. If Molly hasn't heard from you by 2pm today, I will need to reach out to Justine to see if she can make the time to provide input related to dredged material management. Justine doesn't have the background with this project however – so she would need to hear from you all about your involvement to date – which could take more time than having you edit it and send it back to Molly.

Please make responding to Molly your first priority when you get in to the office today, and take care of this as soon as you are able.

Thank you!

Jill

---

**From:** Vaughan, Molly  
**Sent:** Monday, May 07, 2018 5:00 PM  
**To:** Meade, Christopher <Meade.Chris@epa.gov>  
**Cc:** Nogi, Jill <nogi.jill@epa.gov>  
**Subject:** Please Review - current draft of Pebble Letter  
**Importance:** High

Hi Chris,

I have to leave for the day and didn't see any edits from you yet on the Sharepoint site version. So, so make things go more quickly, here is the current version of the document on my OneDrive. I need to send this to Patty ASAP when I come in tomorrow. Please make any edits directly in this document using track changes. As a reminder, the specific

section for your review is titled "Marine Environment". It begins in the middle of Page 13 of this version, and ends top of page 15. In particular, please add the appropriate text we've discussed in place of the italicized text on page 14.

If you've already begun edits on another version, no need to switch gears now, just send those to me and I will consolidate in the morning.

Thank you,  
Molly

~~~~~  
Molly Vaughan  
U.S. Environmental Protection Agency Region 10  
Alaska Operations Office  
222 W. 7<sup>th</sup> Avenue #19  
Anchorage, AK 99513-7588

907-271-1215  
[vaughan.molly@epa.gov](mailto:vaughan.molly@epa.gov)  
~~~~~

Message

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**From:** Vaughan, Molly [no-reply@sharepointonline.com]  
**Sent:** 7/5/2018 6:17:22 PM  
**To:** Nogi, Jill [nogi.jill@epa.gov]  
**CC:** Vaughan, Molly [Vaughan.Molly@epa.gov]  
**Subject:** Vaughan, Molly has shared 'Pre Draft Ch3 Comments draft 070518'

**Flag:** Follow up

Hi Jill,

I've reviewed your comments and revised accordingly. A few of the comments I was unsure of, so reached out to Patty for her technical expertise. The linked version contains explanations/edits to address some of your questions. Patty and I are both available to discuss if that would be helpful.

Thanks,

Molly

[Open Pre Draft Ch3 Comments draft 070518.docx](#)

See more related to Vaughan, Molly in Delve.



Get the SharePoint mobile app!



Message

---

**From:** Nogi, Jill [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=8E6AA4CE4A754CD09F8490A81F581DE9-NOGI, JILL]  
**Sent:** 7/5/2018 4:14:20 PM  
**To:** Vaughan, Molly [Vaughan.Molly@epa.gov]  
**Subject:** Pre Draft Ch3 comments draft 070218\_JN.docx  
**Attachments:** Pre Draft Ch3 comments draft 070218\_JN.docx

Thank you for your work on this Molly! It looks good – I have some wording suggestions to share for your consideration. I would be happy to talk through this today if you have time.

Thanks,  
Jill

Message

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**From:** Nogi, Jill [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=8E6AA4CE4A754CD09F8490A81F581DE9-NOGI, JILL]  
**Sent:** 4/10/2018 3:32:13 PM  
**To:** Vaughan, Molly [Vaughan.Molly@epa.gov]  
**Subject:** RE: BB check-in

Sure Molly, that's fine – I will plan to be there from the beginning, in case NEPA comes up before you are able to call in.  
Jill

---

**From:** Vaughan, Molly  
**Sent:** Tuesday, April 10, 2018 8:18 AM  
**To:** Nogi, Jill <nogi.jill@epa.gov>  
**Subject:** FW: BB check-in

Good morning, Jill. Patty has asked me to cover the NEPA portion of the BB Check-in with David tomorrow since she is out, but I will not be able to call in until approximately halfway through the meeting **Personal Matters / Ex. 6** week. I suspect it will not be a long meeting, and may be over by then. Do you plan to attend? My only NEPA update was going to be sharing the revised internal review schedule for the scoping letter with David. If you will be there, would you be able to cover that piece if I don't call in in time?

Thank you,  
Molly

---

**From:** McGrath, Patricia  
**Sent:** Friday, April 06, 2018 2:17 PM  
**To:** Allnutt, David <Allnutt.David@epa.gov>  
**Cc:** Vaughan, Molly <Vaughan.Molly@epa.gov>; Combes, Marcia <Combes.Marcia@epa.gov>; Palomaki, Ashley <Palomaki.Ashley@epa.gov>  
**Subject:** BB check-in

Hi David-

**Personal Matters / Ex. 6**

Molly will be providing NEPA/permitting input into the check-in call on Wednesday.

Highlights for this week include:

- Corps extended scoping period to now end on June 29
- Suzanne posted a blurb on our BB site about the EIS and link to Corps' Pebble website. I informed the Corps of this.
- Additional scoping meeting added in New Stuyahok.
- Most cooperating agencies are not participating in the scoping meetings. Exception is the State who will be at the meetings next week. BSEE is attending the Homer and Anchorage meeting. The Corps is providing a conference line. Molly, Neverly, or myself will be calling into the scoping meetings to listen in (except for Homer, Anchorage, and Dillingham). Molly will attend the Anchorage meeting.
- Molly and I had a call with ORD this week. I expect we will get assistance from ORD on fisheries, transportation, and hydrology (though need to verify with hydrologists)
- Molly is off to a good start on our scoping letter
- Based on a call with the Corps today, we will be setting up a 404 strategy meeting between EPA and Corps in May. I will work on that (attendees, agenda, timing, internal strategy) when I return.

Have a good week.  
Patty

**Patty McGrath | Mining Advisor**

U.S. Environmental Protection Agency, Region 10

1200 Sixth Avenue, Seattle, WA 98101

M/S: RAD-202

Office: (206) 553-6113

Cell: (206) 743-7068

[mcgrath.patricia@epa.gov](mailto:mcgrath.patricia@epa.gov)

Message

---

**From:** Nogi, Jill [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=8E6AA4CE4A754CD09F8490A81F581DE9-NOGI, JILL]  
**Sent:** 11/21/2018 2:12:38 AM  
**To:** Vaughan, Molly [Vaughan.Molly@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]  
**Subject:** My suggestions on Pre Draft Ch 2  
**Attachments:** EPA Comments Pebble Pre-DEIS Ch 2 111918draft+JN.docx

Internal - Deliberative

Hi team –

Thank you for your review of preliminary draft chapter 2 and for developing our comments. This looks very thorough. You did a nice job preparing our comments. I appreciate the opportunity to review and provide suggestions for consideration.

**Deliberative  
Process / Ex. 5**

**Deliberative Process / Ex. 5**

any questions about my suggestions, you can try to reach me on my work cell while we're in the car tomorrow. I'd be happy to discuss.

Thanks again,  
Jill

## Appointment

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**From:** Nogi, Jill [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=8E6AA4CE4A754CD09F8490A81F581DE9-NOGI, JILL]  
**Sent:** 9/21/2018 7:40:16 PM  
**To:** Peterson, Erik [Peterson.Erik@epa.gov]  
**Subject:** Declined: Bristol Bay Check-in  
**Location:** R10Sea-Room-12Maple/R10-Rooms-Service-Center  
**Start:** 12/4/2018 5:00:00 PM  
**End:** 12/4/2018 6:00:00 PM  
**Recurrence:** (none)



Message

---

**From:** Nogi, Jill [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=8E6AA4CE4A754CD09F8490A81F581DE9-NOGI, JILL]  
**Sent:** 11/19/2018 9:10:09 PM  
**To:** Vaughan, Molly [Vaughan.Molly@epa.gov]  
**Subject:** FW: Meeting with Col Brooks FW: Quick Question

Molly,

FYI – I want to share with you, when we can find a few minutes to talk about this, what I heard on Friday. The potential

**Deliberative Process / Ex. 5**

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**From:** Detwiler, Susan K.  
**Sent:** Monday, November 19, 2018 12:55 PM  
**To:** Allnutt, David <Allnutt.David@epa.gov>; Nogi, Jill <nogi.jill@epa.gov>; LaCroix, Matthew <LaCroix.Matthew@epa.gov>; Curtis, Jennifer <Curtis.Jennifer@epa.gov>; McCracken, Betsy W. <mccracken.betsy@epa.gov>  
**Cc:** Fordham, Tami <Fordham.Tami@epa.gov>  
**Subject:** Meeting with Col Brooks FW: Quick Question

fyi

---

**From:** Detwiler, Susan K.  
**Sent:** Monday, November 19, 2018 10:22 AM  
**To:** Pirzadeh, Michelle <Pirzadeh.Michelle@epa.gov>  
**Subject:** RE: Quick Question

Meeting was “meet and greet”, David Hobbie did most of talking during meeting, Col was in listening

**Deliberative Process / Ex. 5**

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**From:** Pirzadeh, Michelle  
**Sent:** Monday, November 19, 2018 10:01 AM  
**To:** Detwiler, Susan K. <detwiler.susan@epa.gov>  
**Subject:** Quick Question

Hi Sue,

Just checking to see if there is anything to report about Chris and your meeting with AK Dist Col on Friday.

Thanks,

Michelle

Michelle L. Pirzadeh  
Deputy Regional Administrator

U.S. Environmental Protection Agency, Region 10

Office: (206) 553-1234

Cell: (206) 499-1927

Fax: (206) 553-1809

Message

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**From:** Nogi, Jill [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=8E6AA4CE4A754CD09F8490A81F581DE9-NOGI, JILL]  
**Sent:** 10/23/2018 10:43:50 PM  
**To:** Barton, Justine [Barton.Justine@epa.gov]  
**Subject:** RE: Hot Topics for ERSMU this week

**Non-Responsive: Unrelated to Bristol Bay/Pebble Mine**

---

**From:** Barton, Justine  
**Sent:** Tuesday, October 23, 2018 3:36 PM  
**To:** Nogi, Jill <nogi.jill@epa.gov>  
**Subject:** RE: Hot Topics for ERSMU this week

**Non-Responsive: Unrelated to Bristol Bay/Pebble Mine**

.....  
Justine Barton | Ecologist | U.S. Environmental Protection Agency  
Sediment Management Unit | 1200 6<sup>th</sup> Avenue, Suite 155 | Seattle, WA 98101 | 206.553.6051 |  
[barton.justine@epa.gov](mailto:barton.justine@epa.gov)

---

**From:** Nogi, Jill  
**Sent:** Tuesday, October 23, 2018 3:29 PM  
**To:** Barton, Justine <[Barton.Justine@epa.gov](mailto:Barton.Justine@epa.gov)>  
**Subject:** RE: Hot Topics for ERSMU this week

**Non-Responsive: Unrelated to Bristol Bay/Pebble Mine**

Thank you! Jill

**From:** Barton, Justine  
**Sent:** Tuesday, October 23, 2018 2:58 PM  
**To:** Nogi, Jill <nogi.jill@epa.gov>  
**Subject:** RE: Hot Topics for ERSMU this week

Hi Jill – Just now off the DMMP monitoring/bioaccum call. Looks like we're set for the Hot Topics for tomorrow...so my plan is just to attend the manager's meeting from 2-3:30 pm tomorrow in your stead. Anything else I should do? JB

Justine Barton | Ecologist | U.S. Environmental Protection Agency  
Sediment Management Unit | 1200 6<sup>th</sup> Avenue, Suite 155 | Seattle, WA 98101 | 206.553.6051 |  
[barton.justine@epa.gov](mailto:barton.justine@epa.gov)

**From:** Nogi, Jill  
**Sent:** Tuesday, October 23, 2018 11:33 AM  
**To:** McGrath, Patricia <mcgrath.patricia@epa.gov>; Vaughan, Molly <Vaughan.Molly@epa.gov>; Barton, Justine <Barton.Justine@epa.gov>  
**Subject:** RE: Hot Topics for ERSMU this week

Thanks to all of you for your help with developing this paragraph. I have submitted it to David/Linda for final review and approval before it goes out through the Weekly tomorrow.  
I appreciate Justine's coordination and communication on our unit's Hot Topics while I was out sick yesterday!  
Jill

**From:** McGrath, Patricia  
**Sent:** Tuesday, October 23, 2018 10:47 AM  
**To:** Vaughan, Molly <Vaughan.Molly@epa.gov>; Barton, Justine <Barton.Justine@epa.gov>  
**Cc:** Nogi, Jill <nogi.jill@epa.gov>  
**Subject:** RE: Hot Topics for ERSMU this week

Please consider the recommended edits.

**Deliberative Process / Ex. 5**

**Deliberative Process / Ex. 5**

**Deliberative Process / Ex. 5**

**From:** Vaughan, Molly  
**Sent:** Tuesday, October 23, 2018 10:37 AM  
**To:** Barton, Justine <Barton.Justine@epa.gov>  
**Cc:** Nogi, Jill <nogi.jill@epa.gov>; McGrath, Patricia <mcgrath.patricia@epa.gov>  
**Subject:** RE: Hot Topics for ERSMU this week

Hi Justine and Jill,

Here is my write-up:

**Deliberative Process / Ex. 5**

Thanks,  
Molly

---

**From:** Barton, Justine  
**Sent:** Monday, October 22, 2018 11:15 AM  
**To:** Vaughan, Molly <Vaughan.Molly@epa.gov>  
**Cc:** Nogi, Jill <nogi.jill@epa.gov>  
**Subject:** FW: Hot Topics for ERSMU this week

Hi Molly – I'm acting for Jill today & Wednesday. At today's Hot Topics meeting, Dave asked for a brief paragraph for the Weekly re. #4 below (Pebble Prelim DEIS). Could you get me some sentences before noon on Wednesday that I can forward on to Dave and Linda? Thanks Molly! ☺ JB p.s. FYI -- #1 and #4 are the only ones he asked for... JB

.....

Justine Barton | Ecologist | U.S. Environmental Protection Agency  
Sediment Management Unit | 1200 6<sup>th</sup> Avenue, Suite 155 | Seattle, WA 98101 | 206.553.6051 |  
[barton.justine@epa.gov](mailto:barton.justine@epa.gov)

---

**From:** Nogi, Jill  
**Sent:** Monday, October 22, 2018 7:55 AM  
**To:** Barton, Justine <[Barton.Justine@epa.gov](mailto:Barton.Justine@epa.gov)>; Allnutt, David <[Allnutt.David@epa.gov](mailto:Allnutt.David@epa.gov)>  
**Cc:** Anderson-Carnahan, Linda <[Anderson-Carnahan.Linda@epa.gov](mailto:Anderson-Carnahan.Linda@epa.gov)>  
**Subject:** Hot Topics for ERSMU this week

Justine – If you can attend the Hot Topics meeting at 11:30 today in the Elwha Room for ERSMU, that would be very helpful. If not, please help me find someone who could attend.  
Topics to mention for David to determine what to share with the ET later today (and if David asks for write up in the Weekly, please ask staff for a paragraph that you can review/email to David and Linda on Wednesday before noon.  
David and Linda make any final edits before they can upload the information to the R10 Weekly Sharepoint Site):

**Non-Responsive: Unrelated to Bristol Bay/Pebble Mine**

**Deliberative Process / Ex. 5**

**Non-Responsive: Unrelated to Bristol Bay/Pebble Mine**

Thanks  
Jill

Message

**From:** Nogi, Jill [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=8E6AA4CE4A754CD09F8490A81F581DE9-NOGI, JILL]  
**Sent:** 11/4/2018 10:35:07 PM  
**To:** Kubo, Teresa [Kubo.Teresa@epa.gov]  
**Subject:** RE: Draft agenda/action items

Thank you so much for developing the draft agenda, Teresa. It looks really good – I will also think about some potential options/adjustments -- the One Note or CDX demo are both good possibilities if we want/need to swap some topics.

Thanks, too for the action item table – it's going to be so helpful to have it and be able to update over time. I heard the team wanting to keep a standing check in regarding this follow up, will you share it with the team via OneDrive when you have a chance?

**Non-Responsive: Unrelated to Bristol Bay/Pebble Mine**

For your information, some big things going on in November are the **Non-Responsive: Unrelated** preliminary review of Pebble chapters and possible briefings,

**Non-Responsive: Unrelated to**

**Non-Responsive: Unrelated to Bristol Bay/Pebble Mine**

Thanks again! Take care too – hope it's been a good weekend,  
Jill

---

**From:** Kubo, Teresa  
**Sent:** Saturday, November 03, 2018 3:11 PM  
**To:** Nogi, Jill <nogi.jill@epa.gov>  
**Subject:** Draft agenda/action items

Hi Jill,

I am attaching my first crack at a draft agenda for the 6<sup>th</sup>. There are a couple of agenda items that may or may not be timely. If they won't be ready for discussion, another option might be to have Lynne do a OneNote demo for the group. We could also try to set up a demo of the HQ workload tracking system.

I am also attaching a table that outlines action items and leads that were identified during the October retreat.

**Non-Responsive: Unrelated to Bristol Bay/Pebble Mine**

Take care,

Teresa

---

Teresa Kubo  
Environmental Review and Sediment Management  
US EPA Oregon Operations  
805 SW Broadway, Ste 500  
Portland, Oregon 97205  
Tel. 503-326-2859





Message

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**From:** Nogi, Jill [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=8E6AA4CE4A754CD09F8490A81F581DE9-NOGI, JILL]  
**Sent:** 11/6/2018 8:38:23 PM  
**To:** Chu, Rebecca [Chu.Rebecca@epa.gov]  
**Subject:** R10 ORA Briefing Paper and Talking Points Chris Meet and Greet with Col Borders.docx  
**Attachments:** R10 ORA Briefing Paper and Talking Points Chris Meet and Greet with Col Borders.docx

Hi Becky,

Thanks for your work on this and for coordinating everyone. I tried saving my recommended language back to your OneDrive site and was told it was locked for editing by another user. So, I don't know if I was successful in saving it to your OneDrive site or not! I am attaching here for your use .... I got it down to 3 pages after accepting all the changes. See what you think and let me know if you want me to work on it any more... I'm on a call from 1-2 and then

**Personal Matters / Ex. 6**

Be back in the office in Seattle tomorrow, so if we hear that David/Linda recommend additional adjustments, I can help you pick it up again on Wednesday (then I'm out Th-Fri this week).

Thanks again,  
Jill

Message

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**From:** Nogi, Jill [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=8E6AA4CE4A754CD09F8490A81F581DE9-NOGI, JILL]  
**Sent:** 5/8/2018 8:48:14 PM  
**To:** Allnutt, David [Allnutt.David@epa.gov]  
**Subject:** TCTO and other updates

**Personal Matters / Ex. 6**

If Chris really doesn't get comments to Molly today on Pebble, I think we have to move forward with what we have and keep to the schedule. **Personal Matters / Ex. 6** and the letter is supposed to be with Patty. Molly mentioned that she's coming to Seattle next week (for Tribal I guess?) and is giving Ashley a few days to review before it comes to me around the end of next week.

Talk with you tomorrow – feel free to let me know if there's anything you would do differently related to these couple of updates. Thanks! Jill

1

Message

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**From:** Schwab, Justin [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=EED0F609C0944CC2BBDB05DF3A10AADB-SCHWAB, JUS]  
**Sent:** 6/13/2018 9:48:16 PM  
**To:** Hoppe, Allison [hoppe.allison@epa.gov]  
**Subject:** Re: Alaska docs from reg review

Thank you. Do you have any sense of how quickly these will be moving forward?

Sent from my iPhone

On Jun 13, 2018, at 4:28 PM, Hoppe, Allison <[hoppe.allison@epa.gov](mailto:hoppe.allison@epa.gov)> wrote:

Justin,

These are the two Alaska documents we discussed at the end of reg review today. No action is required on your part on these at this time, just sharing for awareness.

Thanks,

Allison Hoppe  
Attorney Advisor  
American Indian & Alaska Native Special Emphasis Program Manager  
Cross-Cutting Issues Law Office  
Office of General Counsel  
U.S. Environmental Protection Agency  
(202) 564-1912

I am an EPA LGBTQ+ Ally. [Learn more and take the pledge here.](#)  
Pronouns: She/Her/Hers

<DF edits to Pebble Project Scoping 060518 draft.docx>

<NorthSlopeOptions\_6-8-18 (002).docx>

## Appointment

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**From:** Schwab, Justin [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=EED0F609C0944CC2BBDB05DF3A10AADB-SCHWAB, JUS]  
**Sent:** 6/5/2018 4:51:06 PM  
**To:** Forsgren, Lee [Forsgren.Lee@epa.gov]  
**Subject:** Declined: Pebble Mine Meeting  
**Location:** 1201 Constitution Ave NW, Washington DC 20004 WJCE 3233 Please call 202-564-5700 for escort  
**Start:** 6/5/2018 5:00:00 PM  
**End:** 6/5/2018 5:45:00 PM  
  
**Recurrence:** (none)

Message

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**From:** Schwab, Justin [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=EED0F609C0944CC2BDB05DF3A10AADB-SCHWAB, JUS]  
**Sent:** 6/27/2018 6:34:38 PM  
**To:** Hoppe, Allison [hoppe.allison@epa.gov]; Marshall, Tom [marshall.tom@epa.gov]  
**Subject:** Fwd: Most recent letter with HQ comments  
**Attachments:** Pebble Project Scoping 060518 draft HQ Review.docx; ATT00001.htm

Sent from my iPhone

Begin forwarded message:

**From:** "Feeley, Drew (Robert)" <[Feeley.Drew@epa.gov](mailto:Feeley.Drew@epa.gov)>  
**Date:** June 27, 2018 at 2:14:55 PM EDT  
**To:** "Schwab, Justin" <[Schwab.Justin@epa.gov](mailto:Schwab.Justin@epa.gov)>  
**Subject:** Fwd: Most recent letter with HQ comments

Sent from my iPhone

Begin forwarded message:

**From:** "Knight, Kelly" <[knight.kelly@epa.gov](mailto:knight.kelly@epa.gov)>  
**Date:** June 27, 2018 at 11:14:29 AM EDT  
**To:** "Tomiak, Robert" <[tomiak.robert@epa.gov](mailto:tomiak.robert@epa.gov)>, "Feeley, Drew (Robert)" <[Feeley.Drew@epa.gov](mailto:Feeley.Drew@epa.gov)>  
**Subject:** FW: Most recent letter with HQ comments

This is the most recent version with HQ comments.

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**From:** Barnhart, Megan  
**Sent:** Wednesday, June 27, 2018 10:46 AM  
**To:** Knight, Kelly <[knight.kelly@epa.gov](mailto:knight.kelly@epa.gov)>  
**Subject:** Most recent letter with HQ comments

.....  
Megan Barnhart  
U.S. Environmental Protection Agency  
Office of Federal Activities, NEPA Compliance Division  
William Jefferson Clinton Building  
1200 Pennsylvania Avenue, N.W.  
Washington, DC 20460  
Phone: 202-564-5936

## Appointment

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**From:** Peterson, Erik [Peterson.Erik@epa.gov]  
**Sent:** 11/26/2018 8:44:57 PM  
**To:** Peterson, Erik [Peterson.Erik@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]  
**CC:** Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]  
**Subject:** FW: Bristol Bay - High Level Briefing Preparation  
**Location:** David's Office and on the phone  
**Start:** 11/28/2018 7:15:00 PM  
**End:** 11/28/2018 8:00:00 PM  
**Show Time As:** Tentative

-----Original Appointment-----

**From:** Peterson, Erik  
**Sent:** Wednesday, November 21, 2018 3:27 PM  
**To:** Peterson, Erik; Allnutt, David; Hough, Palmer; Palomaki, Ashley; McGrath, Patricia  
**Subject:** Bristol Bay - High Level Briefing Preparation  
**When:** Wednesday, November 28, 2018 11:15 AM-12:00 PM (UTC-08:00) Pacific Time (US & Canada).  
**Where:** David's Office and on the phone

### Agenda

- Reason for briefing
- For whom
- Main topics
- Timing
- Next steps

I've created a folder to compile relevant information. If you have useful documents (like briefing papers), scripts or previous presentations etc., then I suggest adding them to the briefings folder at the link below. Ok for it to be too many or imperfect for now, goal is to get relevant source material in one place. We'll organize it better as we go along.

[Bristol Bay - Briefings Folder](#)

### → [Join by Phone](#)

**Conference Line/Code / Ex. 6**

### → [Join Skype Meeting](#)

Trouble Joining? [Try Skype Web App](#)

### → [Meeting Organizer](#)

Erik Peterson, USEPA (206) 553-6382 office



## Appointment

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**To:** Peterson, Erik [Peterson.Erik@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Wehling, Carrie [Wehling.Carrie@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Bennett, Brittany [bennett.brittany@epa.gov]; Ortiz, Michael [Ortiz.Michael@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Whitley, Annie [Whitley.Annie@epa.gov]; Wake, Neverley [wake.neverley@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Herbst, John [herbst.john@epa.gov]

**Location:** R10Sea-Room-14WallaWalla/R10-Rooms-Service-Center

**Start:** 11/13/2018 8:30:00 PM

**End:** 11/13/2018 9:30:00 PM

**Show Time As:** Busy

**Recurrence:** (none)

### Agenda

FOIA

NEPA Coordination

Congressional Correspondence

### → Join by Phone

Conference Line/Code / Ex. 6

### → Meeting Organizer

Erik Peterson, USEPA (206) 553-6382 office



## Appointment

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**To:** Nalven, Heidi [Nalven.Heidi@epa.gov]; Wehling, Carrie [Wehling.Carrie@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Bennett, Brittany [bennett.brittany@epa.gov]; Ortiz, Michael [Ortiz.Michael@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Whitley, Annie [Whitley.Annie@epa.gov]; Wake, Neverley [wake.neverley@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Herbst, John [herbst.john@epa.gov]; Peterson, Erik [Peterson.Erik@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Wehling, Carrie [Wehling.Carrie@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Bennett, Brittany [bennett.brittany@epa.gov]; Ortiz, Michael [Ortiz.Michael@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Whitley, Annie [Whitley.Annie@epa.gov]; Wake, Neverley [wake.neverley@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Herbst, John [herbst.john@epa.gov]

**Location:** R10Sea-Room-14WallaWalla/R10-Rooms-Service-Center

**Start:** 11/20/2018 8:30:00 PM

**End:** 11/20/2018 9:30:00 PM

**Recurrence:** (none)

BB 404c Team,

I propose we meet on 11/20. See agenda below. Happy to hear feedback on the agenda.

Also, I'd like to discontinue sending the emails with the agenda. I was doing that primarily because of the litigation hold and would prefer to add the agenda to the calendar invite. I will however try not to change it too many times, and I will either add an agenda to the calendar invite or send an update/cancel proposal at least the day before our team meeting. In other words, if this calendar event has not been canceled and has an agenda then we are planning on having the call. As we have been doing, review the agenda to determine relevance for you and your level of interest.

A huge ongoing thank you for your engagement on this important project.

### Agenda

NEPA/404c coordination

Competitive Enterprise Institute Information Quality Act Request for Correction or Withdrawal Regarding Bristol Bay Watershed Assessment

FOIA

- E&E News (011614)
- McKeaver FOIA Lawsuit
- Trustees for Alaska 2 (0135)
- HQ FOIA Role

Congressional correspondence

- Western Caucus (Gosar et al) – Forsgren signed final sent 9/16/18
- Lamar Smith – nearly identical Forsgren signed final sent 10/18/18
- DeFazio and Carper – in process

June 2018 memo on 404c regulation revisions

External meeting

- 11/14/18 Forsgren, PLP and other BB stakeholders

### → **Join by Phone**

Conference Line/Code / Ex. 6

### → **Meeting Organizer**

Erik Peterson, USEPA (206) 553-6382 office

## Appointment

---

**To:** Peterson, Erik [Peterson.Erik@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Wehling, Carrie [Wehling.Carrie@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Bennett, Brittany [bennett.brittany@epa.gov]; Ortiz, Michael [Ortiz.Michael@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Whitley, Annie [Whitley.Annie@epa.gov]; Wake, Neverley [wake.neverley@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Herbst, John [herbst.john@epa.gov]

**Location:** R10Sea-Room-14WallaWalla/R10-Rooms-Service-Center

**Start:** 11/27/2018 8:30:00 PM

**End:** 11/27/2018 9:30:00 PM

**Recurrence:** (none)

We have enough going on where having the call will be helpful. Thank you for making the call if you can.

### Agenda

NEPA preliminary EIS comments

FOIA

Information Quality Act Request for Correction or Withdrawal

June 2018 memo on 404c

DeFazio and Carper response

### → Join by Phone

**Conference Line/Code / Ex. 6**

### → Meeting Organizer

Erik Peterson, USEPA (206) 553-6382 office

## Appointment

---

**To:** Wake, Neverley [wake.neverley@epa.gov]; Peterson, Erik [Peterson.Erik@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Bennett, Brittany [bennett.brittany@epa.gov]; Ortiz, Michael [Ortiz.Michael@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Whitley, Annie [Whitley.Annie@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Herbst, John [herbst.john@epa.gov]; Wehling, Carrie [Wehling.Carrie@epa.gov]; Wake, Neverley [wake.neverley@epa.gov]

**Start:** 12/11/2018 8:30:00 PM

**End:** 12/11/2018 9:30:00 PM

**Recurrence:** (none)

Hello Bristol Bay 404c Team,

I'd like to meet on 12/11.

### **Proposed Agenda**

NEPA Preliminary EIS Comments

Plan for Hladick and Forsgren Briefing – 12/12

FOIA

Request for Correction or Withdrawal

CMS: BBNC, Thomas Allen, PLP

External Meeting

### **→ Join by Phone**

Conference Line/Code / Ex. 6

### **→ Meeting Organizer**

Erik Peterson, USEPA (206) 553-6382 office

## Appointment

---

**To:** Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]; Douglas, Mark [douglas.mark@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Fordham, Tami [Fordham.Tami@epa.gov]; Stern, Allyn [Stern.Allyn@epa.gov]; Peterson, Erik [Peterson.Erik@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]; Douglas, Mark [douglas.mark@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Fordham, Tami [Fordham.Tami@epa.gov]; Mendelman, Krista [Mendelman.Krista@epa.gov]; Stern, Allyn [Stern.Allyn@epa.gov]

**CC:** Detwiler, Susan K. [detwiler.susan@epa.gov]; Chu, Rebecca [Chu.Rebecca@epa.gov]; Detwiler, Susan K. [detwiler.susan@epa.gov]; Chu, Rebecca [Chu.Rebecca@epa.gov]

**Subject:** Canceled: Bristol Bay Check-in

**Start:** 8/28/2018 4:00:00 PM

**End:** 8/28/2018 5:00:00 PM

**Show Time As:** Free

**Importance:** High

**Recurrence:** (none)

Moving the bi-weekly Bristol Bay Check-in from Wednesdays to Tuesdays at 9:00 AM PST starting July 30<sup>th</sup>.

Erik Peterson will email the agenda prior to the meeting.

### → Join by Phone

**Conference Line/Code / Ex. 6**

### → Meeting Organizer

Erik Peterson, USEPA (206) 553-6382 office

## Appointment

---

**To:** Fordham, Tami [Fordham.Tami@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]; Douglas, Mark [douglas.mark@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Stern, Allyn [Stern.Allyn@epa.gov]; Peterson, Erik [Peterson.Erik@epa.gov]; Fordham, Tami [Fordham.Tami@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]; Douglas, Mark [douglas.mark@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Mendelman, Krista [Mendelman.Krista@epa.gov]; Stern, Allyn [Stern.Allyn@epa.gov]

**CC:** Detwiler, Susan K. [detwiler.susan@epa.gov]; Chu, Rebecca [Chu.Rebecca@epa.gov]; Detwiler, Susan K. [detwiler.susan@epa.gov]; Chu, Rebecca [Chu.Rebecca@epa.gov]

**Subject:** Canceled: Bristol Bay Check-in

**Start:** 9/11/2018 4:00:00 PM

**End:** 9/11/2018 5:00:00 PM

**Show Time As:** Free

**Importance:** High

**Recurrence:** (none)

Moving the bi-weekly Bristol Bay Check-in from Wednesdays to Tuesdays at 9:00 AM PST starting July 30<sup>th</sup>.

Erik Peterson will email the agenda prior to the meeting.

### → Join by Phone

**Conference Line/Code / Ex. 6**

### → Meeting Organizer

Erik Peterson, USEPA (206) 553-6382 office

## Appointment

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**To:** Fordham, Tami [Fordham.Tami@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]; Douglas, Mark [douglas.mark@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Stern, Allyn [Stern.Alyn@epa.gov]; Peterson, Erik [Peterson.Erik@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]; Douglas, Mark [douglas.mark@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Fordham, Tami [Fordham.Tami@epa.gov]; Stern, Allyn [Stern.Alyn@epa.gov]

**CC:** Detwiler, Susan K. [detwiler.susan@epa.gov]; Chu, Rebecca [Chu.Rebecca@epa.gov]; Detwiler, Susan K. [detwiler.susan@epa.gov]; Chu, Rebecca [Chu.Rebecca@epa.gov]

**Subject:** Canceled: Bristol Bay Check-in  
**Location:** R10Sea-Room-14Elwha/R10-Rooms-Service-Center

**Start:** 9/25/2018 4:00:00 PM  
**End:** 9/25/2018 5:00:00 PM  
**Show Time As:** Free

**Recurrence:** (none)

### → Join by Phone

**Conference Line/Code / Ex. 6**

### → Meeting Organizer

Erik Peterson, USEPA (206) 553-6382 office

## Appointment

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**From:** Peterson, Erik [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=0ecba75a9f9448d3980a693951129e64-Peterson, Erik]  
**Sent:** 10/9/2018 2:47:57 PM  
**To:** Peterson, Erik [Peterson.Erik@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]; Douglas, Mark [douglas.mark@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Fordham, Tami [Fordham.Tami@epa.gov]; Stern, Allyn [Stern.Allyn@epa.gov]  
**CC:** Detwiler, Susan K. [detwiler.susan@epa.gov]; Chu, Rebecca [Chu.Rebecca@epa.gov]  
**Subject:** Bristol Bay Check-in  
**Location:** R10Sea-Room-14WallaWalla/R10-Rooms-Service-Center  
**Start:** 10/9/2018 4:00:00 PM  
**End:** 10/9/2018 5:00:00 PM  
**Show Time As:** Busy

**Recurrence:** Weekly  
every 2 week(s) on Tuesday from 9:00 AM to 10:00 AM

## Agenda

### 404(c) Team

#### Congressional responses (Palmer)

- Western Caucus (Gosar et al) – newly OW-approved, not issued
- DeFazio and Carper – just revised, based on newly OW-approved, not issued Western Caucus response
- Lamar Smith – just drafted, based on newly OW-approved, not issued Western Caucus response

#### FOIA (Ashley)

- E&E News – new request for unredacted copies
- McKeever FOIA Lawsuit – next steps
- NRDC and CNN – working with the AOs office
- Trustees for Alaska – options for Justin Schwab review
- Trustees for Alaska 2 – new FOIA
- Back-up (Erik)

#### External Correspondence (Erik)

- Recent activity and approach

### Permit Oversight/ NEPA Review Team

#### Timing a Brittany Bolen briefing?

#### Site Visits

- July 9 – 11: CWA 404 field verification was completed by Mark Douglas
- July 31: Site visit with some of our NEPA team (Patty, Molly, Tim, Chris) to view the mine site, proposed Lake Iliamna port sites, and portions of the proposed roads

#### NEPA/EIS document reviews - completed



- Scoping Document: In August we submitted comments on the draft scoping document that describes the significant issues raised in scoping. The final scoping document is available on the Corp's Pebble EIS website.
- Preliminary EIS Sections: In July and August, we reviewed and commented on specific portions of chapter 3 (affected environment) and chapter 4 (environmental consequences) that pertain to our areas of special expertise as identified by the Corps which includes: aesthetics, surface water hydrology, groundwater hydrology, water and sediment quality, wetlands, vegetation)
  - The documents have many placeholders since there have been changes to the proposed action, alternatives have yet to be finalized, and there are numerous substantial requests for additional information where the Corps is awaiting response from PLP.
- Alternatives: On October 3, we submitted comments on draft Appendix B (Alternatives Development Process). Previously we participated in a cooperating agency meeting and provided verbal input on the alternatives development process and some of the potential alternatives.

#### NEPA/EIS document reviews – upcoming

- The Corps has indicated that they will be sending us draft DEIS sections on 11/9 with comments due by 11/21. We have requested more time for review (30 days review period).

#### Schedule

- The Corps Pebble EIS website identifies estimated dates for a draft EIS in January 2019 and a final EIS in late 2019.

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**To:** Stern, Allyn [Stern.Allyn@epa.gov]; Peterson, Erik [Peterson.Erik@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]; Douglas, Mark [douglas.mark@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Fordham, Tami [Fordham.Tami@epa.gov]; Stern, Allyn [Stern.Allyn@epa.gov]

**CC:** Detwiler, Susan K. [detwiler.susan@epa.gov]; Chu, Rebecca [Chu.Rebecca@epa.gov]

**Location:** R10Sea-Room-14Elwha/R10-Rooms-Service-Center

**Start:** 11/6/2018 5:00:00 PM

**End:** 11/6/2018 6:00:00 PM

**Recurrence:** (none)

Erik and Patty will be calling in to this meeting.

### **Agenda**

#### **Permit Oversight/ NEPA Review Team**

NEPA Review

#### **404(c)**

FOIA – HQ role in FOIA responsibilities

### **→ Join by Phone**

**Conference Line/Code / Ex. 6**

### **→ Meeting Organizer**

Erik Peterson, USEPA (206) 553-6382 office

## Appointment

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**To:** Fordham, Tami [Fordham.Tami@epa.gov]; Peterson, Erik [Peterson.Erik@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]; Douglas, Mark [douglas.mark@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Stern, Allyn [Stern.Alyn@epa.gov]; Fordham, Tami [Fordham.Tami@epa.gov]

**CC:** Detwiler, Susan K. [detwiler.susan@epa.gov]; Chu, Rebecca [Chu.Rebecca@epa.gov]

**Location:** R10Sea-Room-14Elwha/R10-Rooms-Service-Center

**Start:** 11/20/2018 5:00:00 PM

**End:** 11/20/2018 6:00:00 PM

**Recurrence:** (none)

### Agenda

#### **Permit Oversight/ NEPA Review Team**

Preliminary EIS review

#### **404(c) Team**

NEPA/404c coordination

Competitive Enterprise Institute Information Quality Act Request for Correction or Withdrawal Regarding Bristol Bay Watershed Assessment

#### FOIA

- E&E News (011614)
- McKeever FOIA Lawsuit
- Trustees for Alaska 2 (0135)
- HQ FOIA Role

#### Congressional correspondence

- Western Caucus (Gosar et al) – Forsgren signed final sent 9/16/18
- Lamar Smith – nearly identical Forsgren signed final sent 10/18/18
- DeFazio and Carper – in process

June 2018 memo on 404c regulation revisions

#### External meeting

- 11/14/18 Forsgren, PLP and other BB stakeholders

### **→ Join by Phone**

**Conference Line/Code / Ex. 6**

## → Meeting Organizer

Erik Peterson, USEPA (206) 553-6382 office

## Appointment

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**To:** Fordham, Tami [Fordham.Tami@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]; Douglas, Mark [douglas.mark@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; Peterson, Erik [Peterson.Erik@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]; Douglas, Mark [douglas.mark@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Fordham, Tami [Fordham.Tami@epa.gov]; Stern, Allyn [Stern.Allyn@epa.gov]

**CC:** Thiesing, Mary [Thiesing.Mary@epa.gov]; Chu, Rebecca [Chu.Rebecca@epa.gov]; Detwiler, Susan K. [detwiler.susan@epa.gov]; Detwiler, Susan K. [detwiler.susan@epa.gov]; Chu, Rebecca [Chu.Rebecca@epa.gov]; Thiesing, Mary [Thiesing.Mary@epa.gov]

**Subject:** Canceled: Bristol Bay Check-in

**Start:** 1/1/2019 5:00:00 PM  
**End:** 1/1/2019 6:00:00 PM  
**Show Time As:** Free

**Importance:** High

**Recurrence:** (none)

Erik Peterson will email the agenda prior to the meeting.

### → Join by Phone

**Conference Line/Code / Ex. 6**

### → Meeting Organizer

Erik Peterson, USEPA (206) 553-6382 office

## Appointment

---

**To:** Mendelman, Krista [Mendelman.Krista@epa.gov]; Fordham, Tami [Fordham.Tami@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Peterson, Erik [Peterson.Erik@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]; LaCroix, Matthew [LaCroix.Matthew@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Szerlog, Michael [Szerlog.Michael@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; R10-OERA Calendar [R10-OERA\_Calendar@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Szerlog, Michael [Szerlog.Michael@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]; LaCroix, Matthew [LaCroix.Matthew@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Peterson, Erik [Peterson.Erik@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Fordham, Tami [Fordham.Tami@epa.gov]; Combes, Marcia [Combes.Marcia@epa.gov]; Mendelman, Krista [Mendelman.Krista@epa.gov]; Stern, Allyn [Stern.Allyn@epa.gov]

**Subject:** Canceled: Bristol Bay Check-in

**Start:** 6/20/2018 4:00:00 PM

**End:** 6/20/2018 5:00:00 PM

**Show Time As:** Free

**Importance:** High

**Recurrence:** (none)

## Appointment

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**To:** Mendelman, Krista [Mendelman.Krista@epa.gov]; Fordham, Tami [Fordham.Tami@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Peterson, Erik [Peterson.Erik@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]; LaCroix, Matthew [LaCroix.Matthew@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Szerlog, Michael [Szerlog.Michael@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; R10-OERA Calendar [R10-OERA\_Calendar@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Szerlog, Michael [Szerlog.Michael@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]; LaCroix, Matthew [LaCroix.Matthew@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Peterson, Erik [Peterson.Erik@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Fordham, Tami [Fordham.Tami@epa.gov]; Combes, Marcia [Combes.Marcia@epa.gov]; Mendelman, Krista [Mendelman.Krista@epa.gov]; Stern, Allyn [Stern.Allyn@epa.gov]

**Subject:** Canceled: Bristol Bay Check-in

**Start:** 8/1/2018 4:00:00 PM

**End:** 8/1/2018 5:00:00 PM

**Show Time As:** Free

**Importance:** High

**Recurrence:** (none)

## Appointment

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**To:** Mendelman, Krista [Mendelman.Krista@epa.gov]; Fordham, Tami [Fordham.Tami@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Peterson, Erik [Peterson.Erik@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]; LaCroix, Matthew [LaCroix.Matthew@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Szerlog, Michael [Szerlog.Michael@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; R10-OERA Calendar [R10-OERA\_Calendar@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Szerlog, Michael [Szerlog.Michael@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]; LaCroix, Matthew [LaCroix.Matthew@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Peterson, Erik [Peterson.Erik@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Fordham, Tami [Fordham.Tami@epa.gov]; Combes, Marcia [Combes.Marcia@epa.gov]; Mendelman, Krista [Mendelman.Krista@epa.gov]; Stern, Allyn [Stern.Allyn@epa.gov]

**Subject:** Canceled: Bristol Bay Check-in

**Start:** 8/15/2018 4:00:00 PM

**End:** 8/15/2018 5:00:00 PM

**Show Time As:** Free

**Importance:** High

**Recurrence:** (none)



## Appointment

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**To:** Mendelman, Krista [Mendelman.Krista@epa.gov]; Fordham, Tami [Fordham.Tami@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Peterson, Erik [Peterson.Erik@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]; LaCroix, Matthew [LaCroix.Matthew@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Szerlog, Michael [Szerlog.Michael@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; R10-OERA Calendar [R10-OERA\_Calendar@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Szerlog, Michael [Szerlog.Michael@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]; LaCroix, Matthew [LaCroix.Matthew@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Peterson, Erik [Peterson.Erik@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Fordham, Tami [Fordham.Tami@epa.gov]; Combes, Marcia [Combes.Marcia@epa.gov]; Mendelman, Krista [Mendelman.Krista@epa.gov]; Stern, Allyn [Stern.Allyn@epa.gov]

**Subject:** Canceled: Bristol Bay Check-in

**Start:** 8/29/2018 4:00:00 PM

**End:** 8/29/2018 5:00:00 PM

**Show Time As:** Free

**Importance:** High

**Recurrence:** (none)

## Appointment

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**To:** Mendelman, Krista [Mendelman.Krista@epa.gov]; Fordham, Tami [Fordham.Tami@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Peterson, Erik [Peterson.Erik@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]; LaCroix, Matthew [LaCroix.Matthew@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Szerlog, Michael [Szerlog.Michael@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; R10-OERA Calendar [R10-OERA\_Calendar@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Szerlog, Michael [Szerlog.Michael@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]; LaCroix, Matthew [LaCroix.Matthew@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Peterson, Erik [Peterson.Erik@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Fordham, Tami [Fordham.Tami@epa.gov]; Combes, Marcia [Combes.Marcia@epa.gov]; Mendelman, Krista [Mendelman.Krista@epa.gov]; Stern, Allyn [Stern.Allyn@epa.gov]

**Subject:** Canceled: Bristol Bay Check-in

**Start:** 9/12/2018 4:00:00 PM

**End:** 9/12/2018 5:00:00 PM

**Show Time As:** Free

**Importance:** High

**Recurrence:** (none)

## Appointment

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**To:** Mendelman, Krista [Mendelman.Krista@epa.gov]; Fordham, Tami [Fordham.Tami@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Peterson, Erik [Peterson.Erik@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]; LaCroix, Matthew [LaCroix.Matthew@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Szerlog, Michael [Szerlog.Michael@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; R10-OERA Calendar [R10-OERA\_Calendar@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Szerlog, Michael [Szerlog.Michael@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]; LaCroix, Matthew [LaCroix.Matthew@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Peterson, Erik [Peterson.Erik@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Fordham, Tami [Fordham.Tami@epa.gov]; Combes, Marcia [Combes.Marcia@epa.gov]; Mendelman, Krista [Mendelman.Krista@epa.gov]; Stern, Allyn [Stern.Allyn@epa.gov]

**Subject:** Canceled: Bristol Bay Check-in

**Start:** 9/26/2018 4:00:00 PM

**End:** 9/26/2018 5:00:00 PM

**Show Time As:** Free

**Importance:** High

**Recurrence:** (none)

## Appointment

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**To:** Mendelman, Krista [Mendelman.Krista@epa.gov]; Fordham, Tami [Fordham.Tami@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Peterson, Erik [Peterson.Erik@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]; LaCroix, Matthew [LaCroix.Matthew@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Szerlog, Michael [Szerlog.Michael@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; R10-OERA Calendar [R10-OERA\_Calendar@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Szerlog, Michael [Szerlog.Michael@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]; LaCroix, Matthew [LaCroix.Matthew@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Peterson, Erik [Peterson.Erik@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Fordham, Tami [Fordham.Tami@epa.gov]; Combes, Marcia [Combes.Marcia@epa.gov]; Mendelman, Krista [Mendelman.Krista@epa.gov]; Stern, Allyn [Stern.Allyn@epa.gov]

**Subject:** Canceled: Bristol Bay Check-in

**Start:** 10/10/2018 4:00:00 PM

**End:** 10/10/2018 5:00:00 PM

**Show Time As:** Free

**Importance:** High

**Recurrence:** (none)

## Appointment

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**To:** Mendelman, Krista [Mendelman.Krista@epa.gov]; Fordham, Tami [Fordham.Tami@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Peterson, Erik [Peterson.Erik@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]; LaCroix, Matthew [LaCroix.Matthew@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Szerlog, Michael [Szerlog.Michael@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; R10-OERA Calendar [R10-OERA\_Calendar@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Szerlog, Michael [Szerlog.Michael@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]; LaCroix, Matthew [LaCroix.Matthew@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Peterson, Erik [Peterson.Erik@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Fordham, Tami [Fordham.Tami@epa.gov]; Combes, Marcia [Combes.Marcia@epa.gov]; Mendelman, Krista [Mendelman.Krista@epa.gov]; Stern, Allyn [Stern.Allyn@epa.gov]

**Subject:** Canceled: Bristol Bay Check-in

**Start:** 10/24/2018 4:00:00 PM

**End:** 10/24/2018 5:00:00 PM

**Show Time As:** Free

**Importance:** High

**Recurrence:** (none)

## Appointment

---

**To:** Mendelman, Krista [Mendelman.Krista@epa.gov]; Fordham, Tami [Fordham.Tami@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Peterson, Erik [Peterson.Erik@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]; LaCroix, Matthew [LaCroix.Matthew@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Szerlog, Michael [Szerlog.Michael@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; R10-OERA Calendar [R10-OERA\_Calendar@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Szerlog, Michael [Szerlog.Michael@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]; LaCroix, Matthew [LaCroix.Matthew@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Peterson, Erik [Peterson.Erik@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Fordham, Tami [Fordham.Tami@epa.gov]; Combes, Marcia [Combes.Marcia@epa.gov]; Mendelman, Krista [Mendelman.Krista@epa.gov]; Stern, Allyn [Stern.Allyn@epa.gov]

**Subject:** Canceled: Bristol Bay Check-in

**Start:** 11/7/2018 5:00:00 PM

**End:** 11/7/2018 6:00:00 PM

**Show Time As:** Free

**Importance:** High

**Recurrence:** (none)

## Appointment

---

**To:** Allnutt, David [Allnutt.David@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Szerlog, Michael [Szerlog.Michael@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]; LaCroix, Matthew [LaCroix.Matthew@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Fordham, Tami [Fordham.Tami@epa.gov]; Mendelman, Krista [Mendelman.Krista@epa.gov]; Stern, Allyn [Stern.Allyn@epa.gov]; Peterson, Erik [Peterson.Erik@epa.gov]; R10-OERA Calendar [R10-OERA\_Calendar@epa.gov]; Peterson, Erik [Peterson.Erik@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Szerlog, Michael [Szerlog.Michael@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]; LaCroix, Matthew [LaCroix.Matthew@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Fordham, Tami [Fordham.Tami@epa.gov]; Combes, Marcia [Combes.Marcia@epa.gov]; Mendelman, Krista [Mendelman.Krista@epa.gov]; Stern, Allyn [Stern.Allyn@epa.gov]

**CC:** Douglas, Mark [douglas.mark@epa.gov]; Detwiler, Susan K. [detwiler.susan@epa.gov]; Kelly, Christine M [kelly.christinem@epa.gov]; Douglas, Mark [douglas.mark@epa.gov]; Detwiler, Susan K. [detwiler.susan@epa.gov]

**Subject:** Canceled: Bristol Bay Check-in

**Location:** R10Sea-Room-14Elwha/R10-Rooms-Service-Center; **Conference Line/Code / Ex. 6**

**Start:** 7/18/2018 4:00:00 PM

**End:** 7/18/2018 5:00:00 PM

**Show Time As:** Free

**Importance:** High

**Recurrence:** (none)

## Appointment

---

**To:** Stern, Allyn [Stern.Allyn@epa.gov]; Mendelman, Krista [Mendelman.Krista@epa.gov]; Fordham, Tami [Fordham.Tami@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Peterson, Erik [Peterson.Erik@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]; LaCroix, Matthew [LaCroix.Matthew@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Szerlog, Michael [Szerlog.Michael@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; R10-OERA Calendar [R10-OERA\_Calendar@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Szerlog, Michael [Szerlog.Michael@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]; LaCroix, Matthew [LaCroix.Matthew@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Peterson, Erik [Peterson.Erik@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Fordham, Tami [Fordham.Tami@epa.gov]; Combes, Marcia [Combes.Marcia@epa.gov]; Mendelman, Krista [Mendelman.Krista@epa.gov]; Stern, Allyn [Stern.Allyn@epa.gov]

**Location:** R10Sea-Room-14Elwha/R10-Rooms-Service-Center;

**Conference Line/Code / Ex. 6**

**Start:** 7/3/2018 4:00:00 PM

**End:** 7/3/2018 5:00:00 PM

**Show Time As:** Tentative

**Recurrence:** (none)



## Appointment

---

**From:** Palomaki, Ashley [Palomaki.Ashley@epa.gov]  
**Sent:** 11/26/2018 8:44:55 PM  
**To:** Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]  
**Subject:** FW: Bristol Bay - High Level Briefing Preparation  
**Location:** David's Office and on the phone  
**Start:** 11/28/2018 7:15:00 PM  
**End:** 11/28/2018 8:00:00 PM  
**Show Time As:** Tentative

-----Original Appointment-----

**From:** Peterson, Erik  
**Sent:** Wednesday, November 21, 2018 3:27 PM  
**To:** Peterson, Erik; Allnutt, David; Hough, Palmer; Palomaki, Ashley; McGrath, Patricia  
**Subject:** Bristol Bay - High Level Briefing Preparation  
**When:** Wednesday, November 28, 2018 11:15 AM-12:00 PM (UTC-08:00) Pacific Time (US & Canada).  
**Where:** David's Office and on the phone

### Agenda

- Reason for briefing
- For whom
- Main topics
- Timing
- Next steps

I've created a folder to compile relevant information. If you have useful documents (like briefing papers), scripts or previous presentations etc., then I suggest adding them to the briefings folder at the link below. Ok for it to be too many or imperfect for now, goal is to get relevant source material in one place. We'll organize it better as we go along.

[Bristol Bay - Briefings Folder](#)

→ [Join by Phone](#)

**Conference Line/Code / Ex. 6**

→ [Join Skype Meeting](#)

Trouble Joining? [Try Skype Web App](#)

→ [Meeting Organizer](#)

Erik Peterson, USEPA (206) 553-6382 office

Message

---

**From:** Green, Noelle [Green.Noelle@epa.gov]  
**Sent:** 11/26/2018 4:41:17 PM  
**To:** Hoppe, Allison [hoppe.allison@epa.gov]  
**CC:** Wehling, Carrie [Wehling.Carrie@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Marshall, Tom [marshall.tom@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]  
**Subject:** Re: Pebble NEPA status and question

**Attorney Client / Ex. 5**

Thanks,

**Noelle Green**

Attorney-Advisor  
Cross-Cutting Issues Law Office  
Office of General Counsel  
U.S. Environmental Protection Agency  
1200 Pennsylvania Ave NW  
Washington, DC 20460  
(202) 564-1236  
[green.noelle@epa.gov](mailto:green.noelle@epa.gov)

On Nov 26, 2018, at 9:28 AM, Hoppe, Allison <[hoppe.allison@epa.gov](mailto:hoppe.allison@epa.gov)> wrote:

Ashley's summary generally aligns with my understanding of how this works in the NEPA context, but I would defer to Noelle and Carrie on specifics.

Allison Hoppe  
Attorney Advisor  
American Indian & Alaska Native Special Emphasis Program Manager  
Cross-Cutting Issues Law Office  
Office of General Counsel  
U.S. Environmental Protection Agency  
(202) 564-1912

**Personal Matters / Ex. 6**

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**From:** Wehling, Carrie  
**Sent:** Monday, November 26, 2018 9:06 AM

**To:** Nalven, Heidi <[Nalven.Heidi@epa.gov](mailto:Nalven.Heidi@epa.gov)>; Hoppe, Allison <[hoppe.allison@epa.gov](mailto:hoppe.allison@epa.gov)>  
**Cc:** Marshall, Tom <[marshall.tom@epa.gov](mailto:marshall.tom@epa.gov)>; Palomaki, Ashley <[Palomaki.Ashley@epa.gov](mailto:Palomaki.Ashley@epa.gov)>; Steiner-Riley, Cara <[Steiner-Riley.Cara@epa.gov](mailto:Steiner-Riley.Cara@epa.gov)>; Green, Noelle <[Green.Noelle@epa.gov](mailto:Green.Noelle@epa.gov)>  
**Subject:** RE: Pebble NEPA status and question

I am copying Noelle for her input on the record issue, but I think Ashley's summary is generally correct (I

**Attorney Client / Ex. 5**

Thanks.  
Carrie

Caroline (Carrie) Wehling  
Assistant General Counsel  
Water Law Office  
U.S. Environmental Protection Agency  
Washington DC 20004  
202-564-5492  
[wehling.carrie@epa.gov](mailto:wehling.carrie@epa.gov)

---

**From:** Nalven, Heidi  
**Sent:** Monday, November 26, 2018 7:57 AM  
**To:** Hoppe, Allison <[hoppe.allison@epa.gov](mailto:hoppe.allison@epa.gov)>  
**Cc:** Marshall, Tom <[marshall.tom@epa.gov](mailto:marshall.tom@epa.gov)>; Wehling, Carrie <[Wehling.Carrie@epa.gov](mailto:Wehling.Carrie@epa.gov)>; Palomaki, Ashley <[Palomaki.Ashley@epa.gov](mailto:Palomaki.Ashley@epa.gov)>; Steiner-Riley, Cara <[Steiner-Riley.Cara@epa.gov](mailto:Steiner-Riley.Cara@epa.gov)>  
**Subject:** Pebble NEPA status and question

Hi Allison,

We wanted to give you a heads up that the Corps has been sending Region 10 preliminary drafts of the DEIS chapters for informal review and comment. The Region is providing comments back at the staff level. The comments will not go back on formal letter head. Given this, OFA is not reviewing. OW is doing a limited review. Ashley is the main legal reviewer for ORC. I am only planning to review any issues raised by Ashley or OW (and not do a review myself).

**Attorney Client / Ex. 5**

Thanks,  
Heidi

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**Attorney Client / Ex. 5**

## **Attorney Client / Ex. 5**

**Heidi Nalven**

U.S. EPA Office of General Counsel  
202-564-3189

Message

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**From:** Nalven, Heidi [Nalven.Heidi@epa.gov]  
**Sent:** 11/26/2018 1:00:06 PM  
**To:** Hoppe, Allison [hoppe.allison@epa.gov]  
**CC:** Marshall, Tom [marshall.tom@epa.gov]; Wehling, Carrie [Wehling.Carrie@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]  
**Subject:** RE: Pebble NEPA status and question

I should probably add for context that folks decided on this process because the Corps' turn-around is pretty fast (a few weeks) and is largely happening during the holidays. I also understand that this is typical of reviews of preliminary draft EISs.

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**From:** Nalven, Heidi  
**Sent:** Monday, November 26, 2018 7:57 AM  
**To:** Hoppe, Allison <hoppe.allison@epa.gov>  
**Cc:** Marshall, Tom <marshall.tom@epa.gov>; Wehling, Carrie <Wehling.Carrie@epa.gov>; Palomaki, Ashley <Palomaki.Ashley@epa.gov>; Steiner-Riley, Cara <Steiner-Riley.Cara@epa.gov>  
**Subject:** Pebble NEPA status and question

Hi Allison,

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**Attorney Client / Ex. 5**

Thanks,  
Heidi

++++

**Attorney Client / Ex. 5**

**Heidi Nalven**  
U.S. EPA Office of General Counsel  
202-564-3189



Message

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**From:** Palomaki, Ashley [Palomaki.Ashley@epa.gov]  
**Sent:** 11/14/2018 6:05:47 PM  
**To:** Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]  
**Subject:** Pebble meeting

Hi Cara – I'm on the phone with Carrie, Heidi, and Erik. Are you joining? I'm in your office.

**Ashley Palomaki**  
Assistant Regional Counsel  
U.S. EPA Region 10 Office of Regional Counsel  
1200 Sixth Avenue, Suite 155, ORC-113  
Seattle, WA 98101  
206-553-8582

Message

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**From:** Palomaki, Ashley [Palomaki.Ashley@epa.gov]  
**Sent:** 10/24/2018 9:30:29 PM  
**To:** Vaughan, Molly [Vaughan.Molly@epa.gov]  
**CC:** McGrath, Patricia [mcgrath.patricia@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]  
**Subject:** RE: Pebble EIS Updates

Hi Molly –

Are you expecting attorney review of any of the comments? I haven't reviewed any of the chapters so far but want to understand expectations so that I can plan my schedule.

Thanks,

Ashley

**Ashley Palomaki**

Assistant Regional Counsel  
U.S. EPA Region 10 Office of Regional Counsel  
1200 Sixth Avenue, Suite 155, ORC-113  
Seattle, WA 98101  
206-553-8582

---

**From:** Vaughan, Molly  
**Sent:** Tuesday, October 23, 2018 11:04 AM  
**To:** McGrath, Patricia <mcgrath.patricia@epa.gov>; Wake, Neverley <wake.neverley@epa.gov>; Godsey, Cindi <Godsey.Cindi@epa.gov>; Pepple, Karl <Pepple.Karl@epa.gov>; McAlpine, Jerrold <McAlpine.Jay@epa.gov>; Palomaki, Ashley <Palomaki.Ashley@epa.gov>; Hough, Palmer <Hough.Palmer@epa.gov>; Maley, Timothy <maley.timothy@epa.gov>; Eckley, Chris <Eckley.Chris@epa.gov>; Butler, Barbara <Butler.Barbara@epa.gov>; Douglas, Mark <douglas.mark@epa.gov>; Schofield, Kate <Schofield.Kate@epa.gov>; Thiesing, Mary <Thiesing.Mary@epa.gov>; Muche, Muluken <Muche.Muluken@epa.gov>; Barton, Justine <Barton.Justine@epa.gov>  
**Subject:** Pebble EIS Updates

Hello All,  
I have a few updates to share regarding the Pebble EIS.

First, the Corps plans to distribute preliminary drafts of the DEIS chapters for review in November. We expect to receive all chapters by 11/9/18, although sections may be received in advance on a rolling basis. Comments on all sections will be due 11/21/18. This will be a very tight timeframe for review, as management review of our comments will be required, so please plan to review within a few days of receipt – I will provide a specific due date once sections have been received. The Corps has said they will share all sections of the document for context, although our comments are still only requested on those specific sections we have been assigned in the Cooperating Agency Workplan (the same ones we have seen early drafts of so far).

Second, the Corps has distributed a revised project description developed by Pebble. My understanding is that this revised project description aligns with the updates to the project that we learned about earlier this year (e.g., use of lightering at Amakdedori Port), but I have not had time to read it in detail myself. I recommend reading when you have time, as it will help us prepare for review of the draft chapters in November.

Please let me know if you have any questions.  
Thank you,



Molly

~~~~~  
Molly Vaughan  
U.S. Environmental Protection Agency Region 10  
Alaska Operations Office  
222 W. 7<sup>th</sup> Avenue #19  
Anchorage, AK 99513-7588

907-271-1215  
[vaughan.molly@epa.gov](mailto:vaughan.molly@epa.gov)  
~~~~~

Message

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**From:** Palomaki, Ashley [Palomaki.Ashley@epa.gov]  
**Sent:** 5/21/2018 2:53:03 AM  
**To:** Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]  
**Subject:** FW: ARU Staff Transition

FYI –

**Ashley Palomaki**

Assistant Regional Counsel  
U.S. EPA Region 10 Office of Regional Counsel  
1200 Sixth Avenue, Suite 155, ORC-113  
Seattle, WA 98101  
206-553-8582

---

**From:** LaCroix, Matthew  
**Sent:** Friday, May 18, 2018 12:36 PM  
**To:** Mendelman, Krista <Mendelman.Krista@epa.gov>; Douglas, Mark <douglas.mark@epa.gov>  
**Cc:** McGrath, Patricia <mcgrath.patricia@epa.gov>; Vaughan, Molly <Vaughan.Molly@epa.gov>; Thiesing, Mary <Thiesing.Mary@epa.gov>; Allnutt, David <Allnutt.David@epa.gov>; Palomaki, Ashley <Palomaki.Ashley@epa.gov>; Hough, Palmer <Hough.Palmer@epa.gov>; Szerlog, Michael <Szerlog.Michael@epa.gov>  
**Subject:** ARU Staff Transition

All,

Good morning/afternoon. You are all aware that I transitioned into Gayle Martin's oil and gas-focused position on April 1. I will not have the capacity to continue as the CWA 404 lead for project review of the Pebble project. Mark Douglas has agreed to take on the 404 lead role.

The Region's NEPA scoping letter on the project will be going out shortly, and the timing is right for me to pass the baton to Mark. I have sent him the meeting invitations, and Patti has included him on the group emails. Once he has access to the project website and our internal SharePoint site, he will be good to go. I plan to participate in next week's meetings, but do not anticipate participating in future meetings unless there is some specific need.

Mary Anne will continue in her existing role, working with Mark to track the project review, and coordinating with the 404(c) team.

Thanks,

Matthew LaCroix, Biologist  
Aquatic Resources Unit  
Office of Environmental Review and Assessment  
Alaska Operations Office  
222 W. 7<sup>th</sup> Ave. #19  
Anchorage, AK 99513  
(907) 271-1480

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**From:** Mendelman, Krista  
**Sent:** Tuesday, May 15, 2018 3:46 PM  
**To:** Douglas, Mark <douglas.mark@epa.gov>; LaCroix, Matthew <LaCroix.Matthew@epa.gov>  
**Subject:** Pebble transition

Hi Mark and Matt,

Would you mind coming up with a very short description of how you might transition the Pebble work from Matt to Mark and send it out to the appropriate folks working on Pebble? Please include a statement about Mary Anne's continued involvement as well. ...Just so folks hear it from you both directly.

Thank you,  
Krista

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Krista Mendelman  
US EPA Region 10 MS:OWW-193  
1200 6<sup>th</sup> Ave. Suite 900  
Seattle WA 98101  
206-553-1571

Message

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**From:** Wright, Wendy [Wright.Wendy@epa.gov]  
**Sent:** 4/30/2018 8:20:37 PM  
**To:** Nogi, Jill [nogi.jill@epa.gov]; Hood, Lynne [Hood.Lynne@epa.gov]; Kubo, Teresa [Kubo.Teresa@epa.gov]; Mbabaliye, Theogene [Mbabaliye.Theogene@epa.gov]; Peterson, Erik [Peterson.Erik@epa.gov]; Somers, Elaine [somers.elaine@epa.gov]; Jen, Mark [Jen.Mark@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; Owens, Kim [Owens.Kim@epa.gov]  
**Subject:** REVISED NEPA Workload Report April 30, 2018  
**Attachments:** rptNEPAWorkload.txt

## Non-Responsive: Unrelated to Bristol Bay/Pebble Mine

Wendy Wright  
SEE Administrative Assistant  
206.533.6232  
1200 Sixth Avenue – 14th Floor  
Seattle, WA 98101

**Non-Responsive- Unrelated to Bristol Bay/Pebble Mine**

## Non-Responsive - Unrelated to Bristol Bay/Pebble Mine

Pebble Project, Cooperating Agency, Pebble Mine, AK

18-0002-

4/30/2018

6/29/2018

vaughan

Scoping

COE

The Following Are Late

**Non-Responsive: Unrelated to Bristol Bay/Pebble Mine**

Message

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**From:** Palomaki, Ashley [Palomaki.Ashley@epa.gov]  
**Sent:** 7/27/2018 11:44:27 PM  
**To:** Owens, Kim [Owens.Kim@epa.gov]  
**CC:** Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]  
**Subject:** RE: ASAP FSEIS signed comment letter  
**Attachments:** Pebble.062918.Scoping Letter FINAL.pdf

**Attorney Client / Ex. 5**

**Ashley Palomaki**  
Assistant Regional Counsel  
U.S. EPA Region 10 Office of Regional Counsel  
1200 Sixth Avenue, Suite 155, ORC-113  
Seattle, WA 98101  
206-553-8582

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**From:** Owens, Kim  
**Sent:** Wednesday, July 18, 2018 1:51 PM  
**To:** Steiner-Riley, Cara <Steiner-Riley.Cara@epa.gov>; Palomaki, Ashley <Palomaki.Ashley@epa.gov>  
**Subject:** FW: ASAP FSEIS signed comment letter

**Attorney Client / Ex. 5**



## Attorney Client / Ex. 5

**From:** Vaughan, Molly

**Sent:** Wednesday, July 18, 2018 11:46 AM

**To:** Douglas, Mark <[douglas.mark@epa.gov](mailto:douglas.mark@epa.gov)>; Thiesing, Mary <[Thiesing.Mary@epa.gov](mailto:Thiesing.Mary@epa.gov)>; Owens, Kim <[Owens.Kim@epa.gov](mailto:Owens.Kim@epa.gov)>; Hoffman, Erika <[Hoffman.Erika@epa.gov](mailto:Hoffman.Erika@epa.gov)>; McAlpine, Jerrold <[McAlpine.Jay@epa.gov](mailto:McAlpine.Jay@epa.gov)>

**Cc:** Nogi, Jill <[nogi.jill@epa.gov](mailto:nogi.jill@epa.gov)>; Detwiler, Susan K. <[detwiler.susan@epa.gov](mailto:detwiler.susan@epa.gov)>; Fordham, Tami <[Fordham.Tami@epa.gov](mailto:Fordham.Tami@epa.gov)>; Curtis, Jennifer <[Curtis.Jennifer@epa.gov](mailto:Curtis.Jennifer@epa.gov)>; Mendelman, Krista <[Mendelman.Krista@epa.gov](mailto:Mendelman.Krista@epa.gov)>; Anderson-Carnahan, Linda <[Anderson-Carnahan.Linda@epa.gov](mailto:Anderson-Carnahan.Linda@epa.gov)>

**Subject:** ASAP FSEIS signed comment letter

Hello ASAP Team,

Our comment letter for the ASAP Final SEIS has been finalized, and a pdf of the signed letter is attached for your files. This final version of the letter reflects the edits received from EPA headquarters, per direction from senior management in OFA and OW. Thank you again for all of your assistance in the review of this FSEIS, and throughout the lengthy history of our cooperating agency involvement on this project. If you have any questions regarding the final comments, please feel free to give me a call.

Thank you,  
Molly

~~~~~  
Molly Vaughan  
U.S. Environmental Protection Agency Region 10  
Alaska Operations Office  
222 W. 7<sup>th</sup> Avenue #19  
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**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 10**

1200 Sixth Avenue, Suite 155  
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OFFICE OF  
ENVIRONMENTAL REVIEW  
AND ASSESSMENT

June 29, 2018

Mr. Shane McCoy, Project Manager  
U.S. Army Corps of Engineers  
Regulatory Division  
P.O. Box 6898  
JBER, Alaska 99506-0898

Dear Mr. McCoy:

The U.S. Environmental Protection Agency has reviewed the U.S. Army Corps of Engineers' March 29, 2018, Notice of Intent initiating the scoping process for the proposed Pebble Project Environmental Impact Statement development (EPA Region 10 Project Number 18-0002-COE). We have also reviewed the additional project information available on the Corps website. The EPA is providing comments for your consideration pursuant to the National Environmental Policy Act, Council on Environmental Quality regulations (40 C.F.R. §§ 1500-1508) and Section 309 of the Clean Air Act. The EPA is also supporting the Corps in EIS development as a cooperating agency, due to our special expertise. We appreciate the opportunity to provide early input in the analysis of the Pebble Project.

The Pebble Limited Partnership (PLP) is proposing to develop the Pebble deposit in southwest Alaska, containing copper, gold, and molybdenum. The proposed project includes an open-pit mine, tailings storage facility, a low-grade ore stockpile, an overburden stockpile, a mill facility, a natural gas-fired power plant, and other mine site facilities. The anticipated throughput at the mill facility is 160,000 tons of ore per day, and the proposed mine operating life is 20 years. The proposed project also includes development of a 188-mile natural gas pipeline across Cook Inlet and Lake Iliamna and two compressor stations used to transport natural gas from the Kenai Peninsula to the mine site. The proposed transportation network includes 65 miles of roads, ferry terminals on the north and south shores of Lake Iliamna for use by an ice-breaking ferry, and the Amakdedori Port on Cook Inlet (including dredging and disposal of up to 20 million cubic yards of dredged material).

The scoping comments that follow are provided to inform the Corps of issues the EPA believes are significant and warrant explicit treatment in the EIS, based on current information. Overall, the EPA encourages the development of an EIS that evaluates and compares a full range of reasonable alternatives and comprehensively discusses the reasonably foreseeable direct, indirect, and cumulative impacts of the proposed action.

The EPA has significant concerns regarding the potential impacts of mining activities near the world-class fisheries of the Bristol Bay Watershed.<sup>1</sup> Many of these concerns have been previously documented in the EPA's 2014 Bristol Bay Watershed Assessment, which evaluated the potential impacts of large-scale mining on the region's fish resources, and in the Agency's 2014 Proposed Determination under

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<sup>1</sup> See <https://www.epa.gov/bristolbay> for more information.

Section 404 of the Clean Water Act. This Proposed Determination proposed restrictions on the discharge of dredged or fill material to waters of the U.S. to protect waters that support fishery areas in and near the Pebble deposit area. Because the Watershed Assessment and the Proposed Determination were completed before PLP submitted its permit application to the Corps, these assessments did not consider and were not based on the specific parameters of PLP's pending proposal. The EIS should thoroughly analyze the potential impacts of PLP's proposal to aquatic and other resources, including the anticipated direct impacts of the proposed action, and the reasonably foreseeable indirect and cumulative impacts. We note that the geographic extent of the proposed project infrastructure is not limited to the Bristol Bay watershed, and we recommend that the EIS analyze all areas of impact from the project, including Cook Inlet.

We appreciate the information provided in the Corps' scoping package, including the list of resources to be analyzed in the EIS, and we agree that the suite of issues presented are appropriate to analyze in detail in the EIS. Our enclosed scoping comments provide our recommendations for analysis of key areas that will be the focus of our review of the project, including natural resource impacts, as well as human health and impacts to communities and federally recognized tribes. Our scoping comments also include recommendations related to: risk analysis and hazardous materials management, including geotechnical stability; analytical tools and methodologies, including predictive modeling of impacts to water, air, fish, and other aquatic resources; mitigation and monitoring; and financial assurance. Identification of these key issues and recommendations is based on the EPA's knowledge of the proposed project as well as our experience with mining projects in Alaska and other Region 10 states.

We appreciate the opportunity to participate early in the planning process for this project and are looking forward to working with you as you develop the EIS. Should you have any questions regarding our comments, please contact Patty McGrath, EPA Region 10 Mining Advisor at (206) 553-6113 or [mcgrath.patricia@epa.gov](mailto:mcgrath.patricia@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read 'R. David Allnutt', with a stylized flourish at the end.

R. David Allnutt  
Director

Enclosure:

1. U.S. Environmental Protection Agency Detailed Scoping Comments for the Pebble Project EIS

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***EPA Region 10 Detailed Scoping Comments for the  
Pebble Project Environmental Impact Statement***

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**GENERAL COMPONENTS OF NEPA ANALYSIS**

**Purpose and Need**

We recommend that the EIS include a clear and concise statement of the underlying purpose and need for the proposed project, consistent with the implementing regulations for NEPA<sup>2</sup> and the Clean Water Act Section 404(b)(1) Guidelines (Guidelines).<sup>3</sup> In presenting the purpose and need, the EIS should reflect not only the Corps' purpose in responding to the permit application, but also the broader public interest and need for this project. An appropriately defined purpose and need statement is of critical importance to setting up the analysis of a range of reasonable and practicable alternatives in the EIS that will meet the requirements of both NEPA and the Guidelines.

**Range of Alternatives**

We recommend that the EIS include a range of reasonable alternatives that meet the stated purpose and need for the project, are responsive to the issues identified during the scoping process and through tribal consultation, and include options for avoiding significant environmental impacts. This will ensure that the NEPA analysis provides agency decision makers and the public with information that defines the issues and identifies a clear basis for the choices made among the range of alternatives, as required by NEPA. The EIS should clearly outline the physical design of current and proposed facilities and alternatives (including ore storage sites, waste rock disposal areas, tailings areas, water storage and conveyance facilities, and supporting infrastructure including the transportation corridor, port site, and pipeline).

The EIS should "rigorously explore and objectively evaluate all reasonable alternatives"<sup>4</sup> even if some of them are outside the capability or the jurisdiction of the agency preparing the EIS for the proposed action.<sup>5</sup> This includes identifying the specific criteria that were used to (1) develop the range of reasonable alternatives, (2) eliminate certain alternatives, and (3) identify the agency preferred alternative, as appropriate. In addition, we recommend the EIS provide a clear discussion of the reasons for the elimination of alternatives that are not evaluated in detail.

While NEPA requires the evaluation of *reasonable* alternatives to the proposed action, the Guidelines require the analysis of *practicable*<sup>6</sup> alternatives in order to identify the least environmentally damaging

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<sup>2</sup> 40 C.F.R. § 1502.13.

<sup>3</sup> Within the context of the Guidelines, practicable alternatives to the proposed discharge of fill or dredged material are identified "in light of overall project purposes," which is also termed "the basic purpose of the proposed activity." 40 C.F.R. § 230.10(a)(2).

<sup>4</sup> 40 C.F.R. § 1502.14(a).

<sup>5</sup> 40 C.F.R. § 1502.14(c).

<sup>6</sup> An alternative is practicable if it is available and capable of being done after taking into consideration cost, existing technology, and logistics in light of overall project purposes. 40 C.F.R. § 230.10(a)(2).

practicable alternative (LEDPA), which is the only alternative that can be permitted.<sup>7</sup> The analysis of alternatives for NEPA can provide the information for evaluation of alternatives under the Guidelines.<sup>8</sup> We recommend that the EIS range of alternatives include the practicable alternatives developed for the Guidelines analysis.

In evaluating the proposed project and alternatives, the analysis should include an evaluation of performance and effectiveness, as well as the planned monitoring to ensure efficacy of proposed design features, environmental protection measures, and mitigation.<sup>9</sup>

Regarding mitigation for purposes of NEPA, we recommend that the alternatives analysis include appropriate mitigation measures not already included in the proposed action or alternatives.<sup>10</sup> The EIS should evaluate reasonable alternatives, including mitigation measures, to reduce or minimize adverse impacts to environmental resources. We recommend that, in conducting such an evaluation, the Corps consider:

- The disturbance footprint;
- Habitat value, cultural significance, and risks in siting project components for the proposed mine site components, as well as the port site, transportation corridor, and pipeline components;
- Source control measures (effective management of waste rock and tailings to prevent acid generation and metal leaching) and containment (liners and covers);
- Measures to reduce contact between mine waste materials and surface water and groundwater (such as surface water diversions and liners and covers as recommended above);
- Impacts of pit dewatering on groundwater and stream flows;
- Treatment to promote compliance with water quality standards;
- The physical stability of structures (e.g., pit walls, ore storage and waste rock facilities, tailings facility) during operations and closure, such as considering dry stack tailings;
- Impacts along the pipeline route and transportation corridor, including to Lake Iliamna;
- Impacts from dredged material disposal;
- Impacts to the marine environment at the Amakdedori Port site;
- Air pollutant emissions; and
- Impacts to traditional and cultural uses and resources, including key subsistence species and sites.

## Indirect Impacts

We recommend that the EIS include consideration of all reasonably foreseeable indirect effects caused by the action but that may occur later in time or farther removed in distance.<sup>11</sup> The indirect effects analysis “may include growth inducing effects and other effects related to induced changes in the pattern of land use, population density or growth rate, and related effects on air and water and other natural

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<sup>7</sup> 40 C.F.R. § 230.10(a)

<sup>8</sup> 40 C.F.R. § 230.10(a)(4).

<sup>9</sup> The term mitigation included in this “Range of Alternatives” section is referring to the general term as it applies to NEPA. Compensatory mitigation for purposes under CWA section 404 cannot be used to reduce environmental impacts in the evaluation of the least environmentally damaging practicable alternatives for the purposes of requirements under Section 40 C.F.R. § 230.10(a). See 1990 Memorandum of Agreement between Army and EPA concerning the determination of mitigation under CWA section 404(b)(1) Guidelines.

<sup>10</sup> 40 C.F.R. § 1502.14(f).

<sup>11</sup> 40 C.F.R. § 1508.8(b).

systems, including ecosystems.”<sup>12</sup> While NEPA does not require agencies to engage in speculation, “[t]he EIS must identify all of the indirect effects that are known, and make a good faith effort to explain the effects that are not known but are reasonably foreseeable.”<sup>13</sup>

We therefore recommend that the EIS evaluate the expansion and continued operation of the currently proposed project to the extent that the Corps considers it to be a reasonably foreseeable indirect effect of the proposed action. The current proposed Pebble Project description includes mining of approximately 1.1 billion tons of mineralized material, while the 2011 Preliminary Assessment Technical Report<sup>14</sup> estimated that the total Pebble mineral resource may be 11.9 billion tons. It may be reasonable to predict that a mine at the Pebble deposit will eventually operate for longer than 20 years and recover and process additional ore based on the size of the deposit, the significant infrastructure that will be developed under the current project description, and statements made by the Pebble Limited Partnership regarding the potential to examine expanding the mine once initial production has begun on the current proposal.<sup>15</sup> Accordingly, we recommend that the EIS consider the potential impacts associated with reasonably foreseeable mine expansion scenarios, including up to 11.9 billion tons.

In addition, we recommend that the EIS consider the extent to which it is reasonably foreseeable that the proposed transportation corridor and natural gas pipeline may be made accessible to the public and may stimulate additional reasonably foreseeable mining projects in the area, and potential environmental effects associated with that induced mining. Although PLP’s current proposal only includes private access to the infrastructure components, public access may be granted in the future. This potential may be different for the different infrastructure elements. For example, if the pipeline is regulated as a common carrier, then public access could be allowed if capacity permits. We recommend that the EIS discuss any reasonably foreseeable future public access to the project’s infrastructure components and analyze any reasonably foreseeable indirect effects of this action.

Construction and operation of the project would result in increased vessel traffic in Cook Inlet and on Lake Iliamna because vessels will bring supplies to the site and transport products off-site. In addition to evaluating the direct effects of the increased transportation, we recommend that, if it is reasonably foreseeable that the ports and ferry landings will become available for public use, then any reasonably foreseeable future use of these components should be assessed in the EIS as indirect or cumulative effects. Should the port and ferry terminals remain open following mining, this infrastructure may result in increased use and vessel traffic beyond what PLP is currently proposing.

Indirect project impacts under NEPA can include secondary effects, which are defined by the Guidelines as “effects on the aquatic ecosystem that are associated with the discharge of dredged or fill materials, but do not result from the actual placement of the dredged or fill material.”<sup>16</sup> The consideration of secondary effects is necessary for the Guidelines analysis, and examples of potential secondary effects are discussed in the section on aquatic resources below.

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<sup>12</sup> *Id.*

<sup>13</sup> Forty Most Asked Questions Concerning CEQ’s NEPA Regulations, Question 18 (CEQ, 1981).

<sup>14</sup> Preliminary Assessment of the Pebble Project, Southwest Alaska, February 2011. Developed by Wardrop, A Tetra Tech Company, for Northern Dynasty Minerals, Ltd.

<sup>15</sup> e.g., see <http://www.alaskajournal.com/2018-01-10/permit-application-reveals-size-scaled-down-pebble-project>. “Collier has acknowledged the company might look to expand after initial production commences but contends growing the project would require additional rounds of environmental reviews and permitting that would be independent from any approvals Pebble already had.”

<sup>16</sup> 40 C.F.R. § 230.11(h).

## Cumulative Impacts

In accordance with NEPA, the cumulative impacts analysis should identify how resources, ecosystems, and communities in the vicinity of the project have already been, or will be affected by, past, present, or reasonably foreseeable future activities in the project area, “regardless of what agency (federal or non-federal) or person undertakes such other actions.”<sup>17</sup>

The Guidelines also fundamentally require consideration of reasonably foreseeable cumulative effects in determining whether a project complies with the significant degradation prohibition and to ensure that discharges will not have an unacceptable adverse impact either individually or in combination with known and/or probable impacts of other activities affecting the ecosystems of concern.<sup>18</sup> Cumulative effects are “the changes in an aquatic ecosystem that are attributable to the collective effect of a number of individual discharges of dredged or fill material,” which individually may be minor, but cumulatively may result in a “major impairment of the water resources and interfere with the productivity and water quality of existing aquatic ecosystems.”<sup>19</sup>

For the cumulative impacts assessment, we recommend that the EIS delineate appropriate geographic boundaries, including natural ecological boundaries whenever possible, as well as consider an appropriate time period for the project’s effects. We recommend that resources be characterized in terms of their response to change and capacity to withstand stresses. Trends data should be used to establish a baseline for the affected resources, to evaluate the significance of any historical degradation (e.g., due to exploration activities), and to predict the environmental effects of the project components.

Past, present, and reasonably foreseeable future activities that should be considered in the cumulative impact assessment will vary across the geographic scope of the various mine-site and infrastructure components. Please refer to CEQ’s “Considering Cumulative Effects Under the National Environmental Policy Act”<sup>20</sup> and the EPA’s “Consideration of Cumulative Impacts in EPA Review of NEPA Documents”<sup>21</sup> for assistance with identifying appropriate boundaries and identifying appropriate past, present, and reasonably foreseeable future projects to include in the analysis.

In particular, we recommend that the cumulative effects analysis consider, but not be limited to, the following activities:

- Past and current exploration activities conducted by PLP and others at the Pebble site;
- Current exploration activities occurring in the Bristol Bay watershed region;
- Reasonably foreseeable expansion and continued operation of the currently proposed project (while this is an indirect effect under NEPA, as discussed above, it is a cumulative effect under the Guidelines);
- Reasonably foreseeable future use of project infrastructure (road, port, pipeline); and,
- Reasonably foreseeable development of additional mining projects as a result of increased exploration activity in the region. Even if those activities are not determined to be indirect effects of the proposed action (as discussed above), they are still reasonably foreseeable.

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<sup>17</sup> 40 C.F.R. § 1508.7.

<sup>18</sup> 40 C.F.R. § 230.10(c).

<sup>19</sup> 40 C.F.R. § 230.11(g).

<sup>20</sup> <http://ceq.hss.doe.gov/nepa/ccenepa/ccenepa.htm>.

<sup>21</sup> <http://www.epa.gov/compliance/resources/policies/nepa/cumulative.pdf>.

## **ENVIRONMENTAL RESOURCE IMPACTS**

### **Aquatic Resources, Including Wetlands, Streams, and Fish**

#### **Evaluating Compliance with the Clean Water Act Section 404(b)(1) Guidelines**

The Corps' potential CWA Section 404 permitting action is triggering preparation of the EIS. We recommend that the Corps' permitting regulations and the Guidelines therefore provide the context for identifying relevant issues and evaluating alternatives in the EIS.

The Guidelines are the substantive environmental criteria for the evaluation of proposed discharges of dredged or fill material, and applicants must demonstrate compliance with the Guidelines.<sup>22</sup> The EIS is a significant component of the administrative record for the District's permit decision, which can and should provide sufficient information to address compliance with the Guidelines and the Corps' public interest review.<sup>23</sup> Although it is not mandatory, we support the Corps' decision to include of the public interest review factors into the list of issues to be considered in the EIS. This will enable the expected benefits to be balanced against reasonably foreseeable detriments, and all relevant public interest factors to be weighed.

We recommend that the organization of the EIS facilitate the evaluation of the proposed project's compliance with the Guidelines. Issues relevant to compliance with the Guidelines should be addressed explicitly in the EIS where possible. Alternatively, a stand-alone Section 404(b)(1) analysis could be included as its own section of, or appendix to, the EIS. As mentioned above, we recommend that the range of alternatives evaluated in the EIS be sufficient to identify the LEDPA. In addition, we recommend that the final EIS identify which alternative is the LEDPA.

The Guidelines prohibit, for example, the authorization of a proposed discharge that would cause or contribute to the violation of an applicable water quality or toxic effluent standard, jeopardize a listed threatened or endangered species, or impact a marine sanctuary.<sup>24</sup> We recommend that these criteria be used to evaluate and compare alternatives.

The Guidelines also prohibit the authorization of a proposed discharge which will cause or contribute to significant degradation of the aquatic ecosystem.<sup>25</sup> Findings of significant degradation must be based upon specific factual determinations, evaluations, and tests identified in the Guidelines. These include the evaluation of the direct, secondary, and cumulative effects of the proposed discharge and alternatives on specific resources including fish, wildlife, and special aquatic sites. The significant degradation findings must also evaluate the effects to resource characteristics including aquatic ecosystem diversity, productivity, and stability. Evaluating the potential for significant degradation also requires the consideration of effects to human uses or values, including recreational, aesthetic, and economic values. With regard to fisheries, the Guidelines require, for example, an evaluation of effects to all forms and life stages of aquatic organisms in the food web, including fish and the plants and animals on which they feed and depend upon for their needs.<sup>26</sup> The Guidelines also require an evaluation of effects to

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<sup>22</sup> 40 C.F.R. § 230.12(a)(3)(iv).

<sup>23</sup> See 33 C.F.R. § 320.4.

<sup>24</sup> 40 C.F.R. § 230.10(b).

<sup>25</sup> 40 C.F.R. § 230.10(c).

<sup>26</sup> 40 C.F.R. § 230.31.



recreational and commercial fisheries, which includes harvestable fish, crustaceans, shellfish, and other aquatic organisms used by man.<sup>27</sup> The Corps has proposed including a number of these evaluations in the EIS. We recommend that as many of the specific factual determinations, evaluations, and tests required by the Guidelines as possible be included in the EIS, and be used to evaluate and compare alternatives.

The Guidelines also prohibit any proposed discharge that does not include all appropriate and practicable measures to minimize potential harm to the aquatic ecosystem.<sup>28</sup> Subpart H of the Guidelines identifies numerous possible steps to minimize impacts, including reducing the footprint of the project, using co-location of facilities whenever possible, implementation of best management practices to reduce environmental impacts, configuring the project footprint to reduce or eliminate impacts to higher functioning aquatic resources and other appropriate and practicable measures. Also, as previously discussed, we recommend that the EIS include appropriate minimization measures both as part of the action alternatives and relative to the affected environment. The discussion of minimization measures should include assessment of their likely effectiveness.

#### Compensatory Mitigation

For unavoidable impacts to wetlands, streams, and other aquatic resources, the Guidelines require appropriate and practicable compensatory mitigation to offset unavoidable environmental impacts associated with discharges permitted under CWA Section 404. We recommend that the EIS consider potential mechanisms to offset likely unavoidable aquatic resource impacts. We also recommend that the EIS include the applicant's proposed compensatory mitigation plan. Compensatory mitigation requirements, including the components of a compensatory mitigation plan, are described in Subpart J of the Guidelines. Pursuant to the Guidelines, the level of detail in the compensatory mitigation plan should be commensurate with the scale and scope of the impacts.

Compensatory mitigation may be provided through purchase of credits from an approved mitigation bank, purchase of credits from an approved in-lieu fee mitigation program, and/or completion of a permittee-responsible compensatory mitigation project(s). Final compensatory mitigation requirements must be commensurate with the amount and type of impact that is associated with a particular Section 404 permit.<sup>29</sup> Compensatory mitigation required by the Guidelines is separate from, and may be in addition to, proposed project impact mitigation under NEPA.

#### Characterizing the Affected Environment

We recommend that the EIS describe aquatic habitats in the affected environment by resource type using the data sources and classification approaches that provide the greatest resolution possible. For example, if wetlands are mapped using a Cowardin classification, that mapping should be to the smallest identifiable map unit. Likewise, streams should be classified and mapped accordingly. The baseline information for aquatic resources should include their functional condition and integrity. We also recommend that the EIS evaluate the characteristics of the potentially affected aquatic resources, how those characteristics provide fish habitat, and how such habitat could be adversely impacted by the proposed project. Wetlands and streams perform different functions at different rates, and capturing this information is critical for evaluating the potential environmental impacts of the proposed action, alternatives, and reasonably foreseeable actions (exploration and mining) on these resources.

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<sup>27</sup> 40 C.F.R. § 230.51.

<sup>28</sup> 40 C.F.R. § 230.10(d).

<sup>29</sup> 40 C.F.R. § 230.93(a)(1).

Characterizing the distribution of resident and anadromous fish in potentially affected streams and other aquatic resources is also important, and we recommend the use of data sources such as the Anadromous Waters Catalog<sup>30</sup> and the Alaska Freshwater Fish Inventory<sup>31</sup> to help with this characterization.

#### Aquatic Resource Impacts Analysis

We recommend that the areal extent (i.e., acreage) of impacts to aquatic resources be quantified in the EIS for both direct and secondary effects. The acreage values for the direct and secondary impact footprints should include the acreage for streams as well as for wetlands, ponds, lakes, mudflats, and other waters. In other words, reported acreage losses should represent the total loss of jurisdictional waters. For streams, the loss of channel length should also be quantified by linear feet and/or miles. Channel length values are a more intuitive metric for some, and facilitate different types of analyses than the acreage values. In addition to the areal or linear extent, impacts to aquatic resources should also be quantified by the expected change in the function these resources perform, including fishery support functions, or change in the condition of the resource.

Direct effects are impacts on aquatic resources within the footprint of the discharge of dredged or fill material. Direct effects at the mine site would include stream and other aquatic resource losses within the footprints of the tailings storage facility, the ore and overburden storage sites, the mine pit, and other mine site facilities described in the permit application. Construction of the transportation and pipeline corridors and port facility will likely involve such discharges as well.

Secondary effects, as defined by the Guidelines, are associated with the discharge of dredged or fill material, but do not result from actual placement of this material. These effects are also considered indirect impacts under NEPA. Examples of secondary effects that should be evaluated in the EIS include the following:

- Elimination of streams and wetlands due to drowning by the tailings impoundment and other mine components;
- Dewatering of streams and other aquatic resources due to pumping of groundwater during open pit mining and filling during closure;
- Fragmentation of aquatic resources due to the placement of the mine pit, ore storage sites, tailings storage facility, and other mine components;
- Degradation of downstream fish habitat due to streamflow alterations resulting from water capture, withdrawal, storage, treatment, or release at the mine site;
- Degradation of downstream fish habitat due to water quality impacts associated with mine construction and operation;
- Degradation of downstream fish habitat due to the loss of important inputs such as nutrients and groundwater from upstream sources;
- Degradation of aquatic resources due to dust deposition from mining and transportation activities.

The evaluation of the proposed project's impacts and alternatives should fully consider the physical, chemical, and biological effects of each of the direct and secondary effects, and should consider incremental changes from these impacts along each stream segment downstream of the impact site.

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<sup>30</sup> See <https://www.adfg.alaska.gov/sf/SARR/AWC/>.

<sup>31</sup> See <http://www.adfg.alaska.gov/index.cfm?adfg=ffinventory.main>.

Considering the value of the region's commercial, subsistence, and recreational fishery resources, we recommend that the EIS focus on quantifying direct, indirect, and cumulative impacts on resident and anadromous fish and their habitat resulting from losses of streams with documented fish occurrences; losses of headwater source areas of these streams; losses of wetlands, lakes, and ponds; and streamflow alterations. We appreciate that the Corps has made the EPA's 2014 Bristol Bay Watershed Assessment available on the Pebble Project website, and we also recommend that this document be referenced in preparing the EIS.<sup>32</sup>

The losses of stream reaches and adjacent wetlands from dewatering, as well as changes to downstream reaches and adjacent wetlands, may result in physical, chemical, and biological changes which would impact fishery habitat and habitat support. We recommend that the EIS model and consider these impacts compared to baseline conditions, including but not limited to:

- Evaluate changes in water volume in the stream areas of impact, as well as changes in the downstream reaches of the watershed resulting from losses of upstream contributions of water. We recommend that the analysis address seasonal changes to the different stream segment hydrographs, including changes to seasonal temperatures, dissolved oxygen levels, sediment transport capabilities, and any associated changes to sediment grain sizes in the different stream segments;
- Evaluate flow changes in the impacted stream reaches, both from pit dewatering as well as any proposed in-stream discharge points, to assess any potential changes to stream profile, form, and pattern, and to identify any areas of accretion and/or scouring which may reasonably be anticipated. We also recommend that areas of stream incision as a result of flow changes be identified, as well as losses of connectivity to floodplains and riparian wetlands currently connected to the downstream reaches;
- Identify potential changes to nutrient levels, turbidity, and dissolved oxygen, particularly with respect to seasonal patterns in the downstream reaches. We further recommend that both the direct losses of both autochthonous and allochthonous inputs from upstream reaches lost and/or disconnected from wetland and other riparian habitats, as well as the incremental reductions in those inputs in downstream segments throughout the stream reaches and their effects on system-wide primary, secondary, and tertiary production, be evaluated. These analyses should consider the direct changes to downstream habitats as well as changes to fisheries support in the different stream reaches;
- Evaluate decreases in anticipated invertebrate transport and production in downstream segments and those effects on fish production; and
- Evaluate the effects of disconnecting any off-channel habitat both near the areas of direct impact and throughout the downstream reaches, both for losses of allochthonous inputs and also for potential losses of nursery habitat.

We recommend that the direct, indirect, and cumulative impacts of any of these potential physical, chemical, and biological alterations be examined for how they may result in the loss and/or degradation of fish habitat, including alterations with respect to spawning, overwintering, nursery, and migration. Habitat losses that may result from freeze-through or seasonal warming of fish production areas should also be evaluated.

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<sup>32</sup> See <https://www.epa.gov/bristolbay/bristol-bay-assessment-final-report-2014>.

## Water Quality and Quantity

### Evaluating Impacts to Surface Water and Groundwater Quality and Quantity

Water quality is one of the EPA's principal concerns at mine facilities due to the potential for acid-generating and metal-leaching waste materials (ore, waste rock, tailings, pit walls) that are exposed to the environment and require management over long periods of time. In addition, road construction and operation have the potential to contribute a significant quantity of sediment to streams. We recommend that the EIS characterize baseline surface water and groundwater quality, quantity, and interactions, and evaluate the impacts of all aspects of the proposed operations and alternatives (including pit dewatering and backfilling, tailings management and disposal, water management, and port-site and transportation aspects) on these hydrologic components and describe mitigation for adverse impacts.

Given the potential impacts of the proposed Pebble Project, the EPA recommends that the Corps specifically include in the water resources analysis for the EIS (see also our recommendations for Analysis Tools and Methodologies):

- Characterization of existing groundwater, surface water, springs, and wetland resources within the area of both the project and all potential alternatives, including groundwater levels, flow direction and gradients, and chemistry;
- Development of a hydrogeologic conceptual site model, including:
  - Maps of groundwater, surface water, springs, and wetland resources in the area to be developed or affected;
  - Baseline data on the extent and quality of groundwater, surface water, springs and wetlands;
  - Information on the quantity and location of all aquifers, including Underground Sources of Drinking Water, recharge zones and source water protection areas;
  - Identification of any CWA § 303(d) listed waterbodies and any existing restoration efforts for these waters;
  - Identification and description of all wetlands and surface waters that could be affected by the project and alternatives; where applicable, acreages, channel lengths, habitat types, values and functions of these waters should be identified;
  - Identification and description of hydrologic pathways (e.g., the connectivity of springs or groundwater to surface waters; the connectivity of all streams to each other and to wetlands); and
  - A detailed water balance for the proposed action and each alternative.
- Assessment of which waters may be impacted, the sources and nature of potential impacts (both quality and quantity), specific pollutants likely to impact those waters and a comparison to applicable environmental standards (e.g., surface water and drinking water quality standards);
- Consideration of downstream impacts and potential for changes in metal speciation and bioavailability (in particular, the impacts of copper, which can have adverse effects on salmon at very low concentrations);
- Evaluation of surface water and groundwater use, including maps and source identification of agricultural, domestic, and public water supply wells or intakes; and
- Consideration of effects of seasonality on water quantity and quality impact assessment, including predictions for all phases of the project (construction, operations, and closure).

### Anti-degradation

The anti-degradation provisions of the CWA apply to those waterbodies where water quality standards are currently being met. In certain high-quality waters, the anti-degradation provisions prohibit

degrading water quality unless it is determined that allowing lower water quality is necessary to accommodate important economic or social development in the area in which the waters are located.<sup>33</sup> We recommend that the EIS discuss whether and how the CWA anti-degradation requirements could be met.

#### Water Management and Treatment

We recommend that the EIS describe the plans for water management, treatment, and discharge during all phases of the project (construction, operations, and closure), including plans for long-term water treatment. The EIS should evaluate and disclose the adequacy, reliability, effectiveness, and operational uncertainty associated with proposed operation and closure (long-term) water management and treatment techniques, taking into account seasonality and potential changes associated with future climate scenarios. We also recommend that the analysis characterize chemical compositions and quantities of process waters, mine drainage, storm water, and treated and untreated effluent. This information should be supported by the results of treatability testing. Assumptions used in the analysis should be disclosed and be reasonably conservative. If long-term water treatment is needed, we recommend that the EIS include modeling of predicted stream concentrations of contaminants of concern, both with and without treatment, to evaluate the potential impacts to water quality if the treatment system is not working properly.

The EIS should also identify the Alaska Pollutant Discharge Elimination System (APDES) discharge locations, identify applicable water quality standards, and analyze the likelihood and ability of all discharges to meet applicable standards and the direct, indirect, and cumulative impacts of such discharges to the receiving waters. We recommend that any applicable water quality variance requests, site-specific criteria proposals, and/or any other planned or potential requests for water quality standard revisions also be disclosed in the EIS.

#### Sediment Management and Stormwater Runoff

Since the project has the potential to cause or contribute to erosion of soils and subsequent sediment loading to nearby surface waters, we recommend that the EIS evaluate construction design and operation practices that will be used to minimize erosion and control stormwater runoff from the mine site, port sites, transportation corridor, and pipeline route. We recommend that the EIS discuss specific mitigation measures that may be necessary or beneficial in preventing and minimizing adverse impacts to water quality and disclose the effectiveness of such measures. We suggest that the Corps consider the Best Management Practices identified by the EPA for mining facilities<sup>34</sup> and specify those that would be suitable and likely implemented at the Pebble Project. We also recommend that the EIS document the project's consistency with applicable APDES stormwater permitting requirements.

#### Hydrostatic Test Water

Hydrostatic testing will likely be utilized to verify pipeline integrity. We recommend that the EIS identify and describe the location of the water sources required for hydrostatic testing, in terms of surface area, depth, volume, withdrawal rate, and project requirements. For each water source, we recommend that the EIS discuss the presence of any anadromous and/or resident fish species, including discussion of any direct and cumulative impacts to fisheries resources. In addition, we recommend that locations and methods of discharges to land and/or surface waters be specified in the EIS. Emphasis should be placed on minimizing inter-basin transfers of water to the maximum extent practicable, to

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<sup>33</sup> 40 C.F.R. § 131.12.

<sup>34</sup> [https://www3.epa.gov/npdes/pubs/sector\\_g\\_metalmining.pdf](https://www3.epa.gov/npdes/pubs/sector_g_metalmining.pdf).

minimize the risk of mobilizing invasive species. We recommend that the EIS describe the mitigation measures and control devices that would be implemented to minimize environmental impacts.

## **Marine Environment and Freshwater Lakes**

### **Port Construction and Dredging Impacts**

According to the Permit Application Appendix D – Project Description, the Amakdedori Port will require dredging of a channel and turning basin for shipping access to berths. According to the application, annual maintenance dredging will be necessary throughout the life of the port facility. Dredging activities potentially affect habitats and key ecological functions that support recruitment and sustainability of estuarine and marine organisms. We recommend that the EIS:

- Characterize the marine benthic environment and organisms, sediment composition and grain size, etc.;
- Identify any biologically important areas, such as migratory routes, benthic communities, and subsistence areas;
- Evaluate marine dredging, dewatering, transloading (from water to land), placement methods and options (summer and winter), and disposal sites (offshore, nearshore, upland, and open-water), as well as beneficial uses of the dredged material;
- Include and evaluate a sampling and analysis plan, as well as a marine dredging and disposal plan;
- Evaluate the following potential impacts of dredging activities on species and their habitats:
  - Substrate removal and any resulting habitat and species removal (entrainment);
  - Potential changes to estuarine bathymetry, fluvial and tidal energy, and substrate roughness, and any attendant impacts to salinity structure and estuarine circulation;
  - Potential changes to sediment transport processes, including effects on adjacent shorelines;
  - Alteration of sediment composition in and around the dredging site (including changes to the nature and diversity of benthic communities);
  - Local resuspension of sediments and any turbidity increases;
  - Spread of sediments (and any associated contaminants) into the area surrounding the dredging site;
  - Release of sediment-associated nutrients, potential increases in eutrophication and resulting decreases in dissolved oxygen concentrations;
  - Decreased primary production due to reduced transparency of the water column and/or smothering, particularly at in-water disposal sites; and
  - Enhanced bioavailability and ecotoxicological risk of background contaminants and/or chemical or biochemical changes of contaminants;
- Consider implementation of effective mitigation measures to ensure that marine resources and habitats are adequately protected; and
- Incorporate a monitoring plan for marine protected resources and associated habitats to ensure effectiveness of mitigation measures.

Because of the magnitude of the proposal, dredging and disposal operations will need to be carefully planned and scheduled to avoid and minimize impacts to sensitive marine mammals, fish, shellfish, and their habitat at critical spawning and migration periods.

### **Dredged Material Disposal**

According to the Permit Application Appendix D, dredged material will be used to construct the jetty, causeway, and/or the main terminal patio area, if suitable. Excess dredged material will be stockpiled in

an upland location adjacent to the port facilities. The EPA recommends an on-the-ground wetland delineation at the proposed dredged material disposal site to verify whether there are any jurisdictional waters of the United States at this location.

The proposed discharge of dredged material effluent from the confined disposal facility into Kamishak Bay is subject to regulation under Section 404 of the CWA. Thus, the EIS should include sufficient information to support making the required determinations and findings under the Guidelines. For example, Subpart G of the Guidelines includes general evaluation procedures and specific testing procedures to reach the determinations required by 40 C.F.R. § 230.11. The Inland Testing Manual<sup>35</sup> also provides detailed technical guidance on how to evaluate and test dredged material consistent with the Guidelines. In particular, the EPA recommends using the ITM Appendix B, "Guidance for Evaluation of Effluent Discharges from Confined Disposal Facilities."

To support disposal decisions, we recommend that the EIS provide an inventory of the physical and chemical characteristics of the dredged material and an assessment of disposal alternatives. We recommend that the range of dredged material management alternatives include: no action; the proposed action; beneficial uses such as beach nourishment or construction material; a disposal site in internal waters, landward of the Kamishak Bay closing line (regulated under the CWA); and an ocean disposal site seaward of the Kamishak Bay closing line (regulated under the Marine Protection, Research and Sanctuaries Act).

#### Potential for Ocean Disposal of Dredged Material

Under Section 102 of the MPRSA, the EPA is responsible for designating and managing ocean dumping sites for all materials, including dredged material. The EPA designates ocean disposal sites through rulemaking and sites are published at 40 C.F.R. § 228.15. The EPA bases the designation of an ocean disposal site on environmental studies of a proposed site, studies of regions adjacent to the site, and historical knowledge of the impact of disposal on areas similar to the site in physical, chemical, and biological characteristics. All studies for the evaluation and potential selection of dredged material disposal sites should be conducted in accordance with the criteria for the selection of disposal sites for ocean dumping published in 40 C.F.R. §§ 228.5 and 228.6. The minimum requirements for baseline assessment surveys are found in 40 C.F.R. § 228.13.

The evaluation process includes conducting oceanographic studies to establish the environmental conditions at all alternative locations being considered as potential sites, as well as the area or region encompassing the alternative sites. Results from oceanographic studies and other sources are used to model likely dispersion and deposition of material disposed at the alternative sites and evaluate potential impacts. If there are no practicable alternatives to ocean dumping that will have a less adverse impact on the environment, this information is used to select the best ocean site proposed for designation.

If ocean disposal is to be considered as an alternative, we encourage the Corps to engage early and actively with the EPA to ensure that site selection activities are consistent with the MPRSA and the ocean disposal criteria. The EIS must be adequate for the EPA to ensure that use of the site selected for designation will not likely cause unreasonable degradation to the surrounding marine environment. In addition, only dredged material that is authorized for disposal under the MPRSA and 40 C.F.R. Part 227 may be disposed in an EPA-designated ocean dredged material disposal site.

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<sup>35</sup> See <https://www.epa.gov/cwa-404/inland-testing-manual>.



### Impacts of Vessel Traffic

Marine traffic, including barges and other vessels associated with construction and operation of the proposed project, may also result in impacts to the marine environment. For example, vessel traffic may result in potential impacts to marine mammals, including threatened and/or endangered species, and their migration patterns and routes; subsistence, commercial, and recreational fisheries; and other vessel use. We recommend the EIS describe the vessel traffic schedule in Cook Inlet; patterns and marine transportation routes; subsistence, commercial, and recreational fishery resources; and the migration period, patterns, and routes of potentially affected marine mammals, including Cook Inlet Belugas. The direct, indirect and cumulative impacts from vessel traffic on marine mammals, threatened and endangered species, critical habitats, and fishery resources should be analyzed in the EIS, and the EIS should discuss the mitigation measures that would be implemented to minimize such impacts.

Use of the proposed ice-breaking ferry on Lake Iliamna may result in similar impacts to the freshwater lake environment, including the potential for wake impacts to the shoreline. We recommend the EIS analyze the direct, indirect, and cumulative impacts of the year-round use of the lake proposed by the applicant on threatened and/or endangered species, fishery resources, and other lake user groups, and discuss mitigation measures to minimize impacts.

### **Air Quality**

The EPA recommends that the EIS evaluate how the construction and operation of the proposed project and alternatives could affect air quality and what measures may be needed to mitigate potentially significant impacts. Such an evaluation is necessary to ensure compliance with state and federal air quality regulations, and to disclose the potential impacts from temporary or cumulative degradation of air quality. To address potential air quality impacts, the EIS should consider whether the direct, indirect, or cumulative impacts of project-related air emissions would result in any adverse impact on air quality or air quality-related values.

Potential air pollutant concerns for the proposed project include:

- Operation of heavy machinery and equipment, including marine vessels, during construction and operations that result in the emission of fossil fuel combustion exhausts. Such exhausts will include oxides of nitrogen, oxides of sulfur, carbon monoxide, and particulates. The significance of the contribution of project emissions to the formation of secondary particulate matter (PM<sub>2.5</sub>) and ozone should also be evaluated;
- Fugitive dust emissions may be generated from construction and operation of the mine, ancillary facilities, and supporting infrastructure. In addition to human health effects, dust blown from the roadway can settle onto wetlands, vegetation, or waterbodies, impairing their health as well; and
- Hazardous air pollutants may result from fuel combustion and ore processing. The *National Air Toxics Assessment* asserts that numerous human epidemiology studies show increased lung cancer rates associated with diesel exhaust and significant potential for non-cancer health effects (see <http://www.epa.gov/ttn/atw/nata>). Also, the Control of Emissions of Hazardous Air Pollutants from Mobile Sources Final Rule (66 Fed. Reg. 17,230, March 29, 2001) lists 21 compounds emitted from motor vehicles that are known or suspected to cause cancer or other serious health effects. The EPA recommends the EIS disclose whether hazardous air pollutant emissions would result from project construction and operations, discuss the cancer and non-cancer health effects associated with air toxics and diesel particulate matter, and identify sensitive receptor populations and individuals likely to be exposed to these emissions.



We recommend the following steps for the EIS air quality analysis:

- Characterize the existing conditions to set the context for evaluating project impacts, including:
  - Regional climate and meteorology,
  - Air quality and air quality related values (e.g., visibility),
  - Identification of sensitive receptors in the vicinity;
- Review air quality regulations and any air permitting requirements that apply to the air pollutant sources associated with the project;
- Provide a comprehensive emissions inventory of criteria pollutants (in tons per year), greenhouse gas emissions (in metric tons CO<sub>2</sub> equivalents per year), and significant HAP emissions for all project components (mine site, transportation corridor, port, and pipeline) and project phases; and
- If projected emissions are significant, conduct near-field and far-field air quality modeling to assess project-related air quality and visibility impacts. Also, see our recommendations related to Predictive Modeling, later in this document.

We recommend that the Corps evaluate and incorporate best management practices and mitigation measures into the EIS to reduce emissions of criteria pollutants and HAPs, which also have co-benefits of reducing GHGs. We recommend that the EIS include a comprehensive fugitive dust control plan as well as a construction air pollutant emissions control plan to address reduction of engine emissions.

These recommendations are separate and distinct from, and are not intended as a substitute for compliance with, any additional obligations of the Corps and the project proponent to comply with the federal Clean Air Act and any applicable state or tribal air pollution laws, which may require, among other things, obtaining pre-construction permits and operating permits, compliance with new source performance standards and/or national emission standards for hazardous air pollutants, as well as any applicable state implementation plan (SIP) requirements, including, as applicable to the Corps, the requirements under Section 176 of the Clean Air Act regarding conformity of federal activities to implementation plans approved or promulgated under section 110 of the Clean Air Act.

### **Climate Adaptation**

The EPA recommends that the EIS include a discussion of reasonably foreseeable effects that changes in the climate may have on the proposed project and the project area, including its long term infrastructure. This could help inform the development of measures to improve the resilience of the proposed project. If projected changes could notably exacerbate the environmental impacts of the project, the EPA recommends these impacts also be considered as part of the NEPA analysis.

### **Fish and Wildlife, including Endangered Species and Essential Fish Habitat**

The EPA recommends that the EIS evaluate impacts to fish and wildlife from the proposed project and alternatives. The aquatic resources section above also provides recommendations related to fisheries.

Special consideration should be given to listed and proposed species under the Endangered Species Act and Essential Fish Habitat under the Magnuson Stevens Fishery Conservation and Management Act. NEPA regulations require that, to the fullest extent possible, the EIS be prepared concurrently with

environmental analyses required by the ESA and other environmental laws.<sup>36</sup> Magnuson Stevens Act and ESA implementing regulations also encourage coordination with other environmental reviews.<sup>37, 38</sup>

We recommend that the EIS discuss the species listed and proposed as threatened or endangered under the ESA and the essential fish habitat within the project area (including the pipeline, roads, and port site) and the potentially impacted area surrounding the project. The EIS should describe impacts to ESA species and EFH and discuss the activities proposed to avoid, minimize, mitigate, and monitor listed and proposed species and EFH. We understand that the Corps will develop a biological assessment to evaluate impacts to listed and proposed endangered species and EFH, and recommend that it be included with the draft EIS. We also recommend that the federal action agencies work together to ensure that a single biological assessment is developed that meets all agencies' needs.

### **National Historic Preservation Act**

Section 106 of the National Historic Preservation Act of 1966 requires federal agencies to consider the effects of their actions on historic properties, including those of traditional religious and cultural importance, following regulations in 36 C.F.R. Part 800. The NHPA requires a federal agency, upon determining that activities under its control could affect historic properties, to consult with the appropriate State Historic Preservation Officer /Tribal Historic Preservation Officer. We support the Corps' early engagement with the Advisory Council on Historic Preservation, and we recommend that the EIS discuss any potential impacts to historic properties, including any tribal, cultural, or other treaty resources that are historic properties or traditional cultural properties. In addition, the EIS should identify alternatives and mitigation to avoid significant impacts. Recommendations related to traditional uses and resources that are not historic properties are discussed further below.

### **Invasive Species**

We know that ballast water from barges or vessels can be a major source of non-native species into marine ecosystems. Non-native species can adversely impact the economy and the environment and cause harm to human health. Impacts may include reduction of biodiversity of species inhabiting coastal waters due to competition between non-native and native species for food and resources. We recommend that the EIS discuss potential impacts from non-native invasive species associated with ballast water in vessels that will be utilizing the Amakdedori Port associated with this project and identify mitigation measures to minimize adverse impacts to the marine environment and human health.

## **SAFETY, RISK ANALYSIS, AND HAZARDOUS MATERIALS MANAGEMENT**

### **Accidents and Failures**

An array of spills, accidents, and failures can occur at mining sites. We recommend that the EIS describe the control measures that will be in place to prevent these events from occurring during construction, operations, and closure. To identify these events, we recommend that the Corps evaluate the proposed design and management of the tailings facility, dams, and other structures and evaluate PLP's waste and water management and reclamation plans to determine the project-specific likelihood of different types of accidents and failures. Designs and management plans for the pipeline and transportation components

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<sup>36</sup> 40 C.F.R. § 1502.25.

<sup>37</sup> 50 C.F.R. § 600.92 (c), (f).

<sup>38</sup> 50 C.F.R. § 402.06.

(road, ports, shipping) should also be evaluated to determine the probability of accidents and failures. We recommend that the results of these evaluations be documented in the EIS. For those events that are determined to be of low probability but high consequence, we recommend that the EIS evaluate the potential effects of such events on aquatic ecosystems, particularly fishery resources, and other resources. The EIS should also discuss mitigation measures that could minimize the risk or damages of such events.

### **Physical Stability of Structures**

The EIS should assess the likelihood of earthquakes in the region and describe the geotechnical stability of the tailings and waste storage facilities and open pit walls during operations and closure. We recommend including a description of how these facilities are designed and how they would be operated, closed, and monitored to ensure stability. In addition, we recommend that a risk assessment, such as a Failure Modes Effects Analysis, (FMEA) be conducted on each of the tailings dams with the results summarized in the EIS. An FMEA considers potential failure modes and identifies the relative likelihood and consequences of the failure modes, which are key considerations for impact assessment. We recommend that the EIS incorporate mitigation or alternatives to improve stability should the FMEA identify failure modes that are anything other than a tolerable risk.

For the tailings impoundment in particular, we recommend that the Corps require a demonstration that the structure complies with state dam safety criteria and has been designed by qualified persons. In addition, we recommend that the Corps require that the dam be independently reviewed (and modified if indicated by the review)<sup>39</sup>. Given the proposed size of the dams associated with the Pebble project and value of the downstream resources, we believe that an independent review of the dam structure is appropriate. We recommend that the results of the independent review be documented in the EIS in order to support the assessment of geotechnical stability.

As mentioned above in the Range of Alternatives section, we recommend that the Corps consider alternatives to improve physical stability of the tailings, including consideration of filtered tailings (dry stack). We note that consideration of a filtered tailings alternative and assessment of safety and stability via a FMEA and independent review panel are consistent with recommendations of *The Independent Expert Engineering Investigation and Review Panel Report on Mount Polley Tailings Storage Facility Breach* (January 30, 2015). In addition to investigating the cause of the Mount Polley tailings storage facility failure, the Review Panel made recommendations on actions that could be taken to ensure that similar failure does not occur at other mines. We recommend that the Corps consider the Review Panel Report and, in particular, the recommendations related to best available technology for new impoundments, design commitments to support permit applications, and actions to validate the safety of tailings storage facilities.

### **Hazardous Materials**

We recommend that the EIS address the potential direct, indirect, and cumulative impacts of hazardous materials/wastes management and storage from the construction and operation of the proposed project and alternatives. Mining activities may involve the transport of hazardous materials, and we recommend that the EIS disclose the types and amounts of materials that will be used at each step of mining operations. In addition, we recommend that the EIS describe measures that will be taken to minimize the

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<sup>39</sup> 33 C.F.R. § 325.1.

chances of an accidental release, emergency measures that will be implemented should such an event occur, and how potential adverse impacts from spills may be mitigated by effective containment and cleanup operations.

We also recommend that potential health impacts to local communities or other project area users be identified, as well as any strategies employed to communicate risks or actual emergencies. As part of this analysis, we recommend that the EIS use scientific and traditional ecological knowledge to describe potential health effects from exposure to hazardous materials and the effects on the palatability of eating potentially contaminated foods.

## **HUMAN HEALTH AND IMPACTS TO COMMUNITIES**

### **Sociocultural Impacts**

It is anticipated that the proposed project will result in employment opportunities for Alaska Native residents, as well as generate local and corporate revenues in the region. While employment opportunities and local revenues generally increase a community's standard of living, there can also be impacts to families, communities, and cultures, especially in areas where residents are participating in traditional cultural practices. Noise and physical structures may disturb and/or displace subsistence wildlife from the project area. Other project impacts may affect a community's ability to access traditional and accustomed subsistence use areas. We recommend that the EIS identify the specific communities, federally recognized tribes, and corporations that could be impacted, both positively and negatively, which will help agency decision makers and the public understand the scope of the potential sociocultural impacts.

We recommend that the sociocultural impacts associated with this project and alternatives be fully evaluated and disclosed in the EIS and include, but not be limited to, the following:

- **Socioeconomic Impacts**
  - Evaluate potential changes to the region's economy as a result of the mine construction and operation (e.g., changes to commercial fishery, recreational fishery, and tourism sectors).
  - Evaluate impacts associated with economic changes to families, communities, and cultures, including potential changes to those aspects of the area's economy that are currently subsistence-based;
  - Evaluate the potential decline in the region's economy following mine closure; and
  - Evaluate replacement costs of traditional foods if access or availability are impacted by the proposed project.
- **Accessibility of Traditional Use Areas**
  - Identify community traditional use areas for subsistence, harvesting, hunting and trapping, fishing, travelling, camping, berry picking, and other uses;
  - Describe the potential access limitations to these traditional use areas and their impacts to local communities; and
  - Coordinate with the tribes and communities on options for mitigating impacts associated with accessibility to traditional and accustomed use areas.
- **Compatibility of Traditional Use Areas**
  - Identify project activities that may conflict with traditional and accustomed uses; and

- Coordinate with the affected tribes and communities to identify mitigation options for avoiding and minimizing conflicts between traditional and accustomed subsistence uses and the construction and operation of this project.

## **Environmental Justice and Impacted Communities**

In compliance with NEPA and Executive Order 12898 on Environmental Justice, actions should be taken to conduct adequate public outreach and participation that ensures that the public and Native American tribes understand possible impacts to their communities and trust resources.

Executive Order 12898 requires each federal agency to identify and address disproportionately high and adverse human health or environmental effects of its programs, policies, and activities on minority populations, low-income populations, and Native American tribes.<sup>40</sup> The EPA also considers children, the disabled, the elderly, and those of limited English proficiency to be uniquely vulnerable populations that may be impacted.

The CEQ has developed guidance concerning how to address Environmental Justice in the environmental review process.<sup>41</sup> In accordance with this guidance, the EPA recommends that the EIS address the following points:

- Identify low income, minority, and Alaska Native communities that may be impacted by the project;
- Describe the efforts that have been or will be taken to meaningfully involve and inform affected communities about project decisions and impacts;
- Disclose the results of meaningful involvement efforts, such as community identified impacts;
- Evaluate identified project impacts for their potential to disproportionately impact low income, minority, or Alaska Native communities, relative to a reference community;
- Disclose how potential disproportionate impacts and environmental justice issues have been or will be addressed by the Corps' decision making process;
- Propose mitigation for unavoidable impacts that will or are likely to occur; and
- Include a summary conclusion, sometimes referred to as an "environmental justice determination" that concisely expresses how environmental justice impacts have been appropriately avoided, minimized, or mitigated.

We also recommend that particular attention be given to consideration of the dependence of local communities on local and regional subsistence resources, access to those resources, and perception of the quality of those resources. Additional information and tools for environmental justice analysis can be found on the EPA's website at: <https://www.epa.gov/environmentaljustice>.

## **Health Risk or Impact Analysis**

The EPA recommends that the Corps undertake a screening process to determine which aspects of health (including but not limited to public, environmental, mental, social, and cultural) could be impacted by the proposed project. Depending on the screening results, an analysis of health effects, such

<sup>40</sup> EO 12898: Federal Actions To Address Environmental Justice in Minority Populations and Low-income Populations. February 11, 1994.

<sup>41</sup> <http://ceq.hss.doe.gov/nepa/regs/ej/justice.pdf>.

as a health risk assessment or Health Impact Assessment, may be needed to determine the direct, indirect, and cumulative impacts to health. This analysis may need as much time to complete as the Draft EIS, therefore we recommend that early screening is essential to ensuring a timely analysis. We further recommend that the Corps partner directly with local, state, tribal, and federal health officials to determine the type of analysis needed to assess health impacts and conduct the analysis, and to determine appropriate and effective mitigation of potential health impacts.

### Scope of Health Assessment in EIS

In terms of the scope of the health assessment, we recommend that the potential for contaminant exposure and resulting risks be evaluated. In addition, we recommend that the EIS consider how income from new jobs can result in positive or negative health impacts, for example by increasing socioeconomic status or by generating rapid social and community change. We also recommend considering the health impacts of potential changes to traditional way of life from the project, including reduced reliance on a traditional diet due to lack of access and corresponding increased reliance on substitutes.

## Data Collection

To appropriately evaluate health impacts, we recommend that specific health data that may not be routinely collected as part of the scoping process may be required. To ensure that the necessary data are available for this evaluation, the Corps may want to involve public health professionals early in the NEPA process. Public health data and expertise for prospective health impact analysis, or for providing input on health issues, may be available from local health departments, tribal health agencies, the Alaska Department of Health and Social Services, or federal public health agencies such as the U.S. Centers for Substances and Disease Registry, or the Indian Health Service.

## Methods and Tools

The Health Impact Assessment methodology is a common tool that can be used to assess potential health impacts. HIA is a combination of procedures, methods, and tools that enables systematic analysis of potential positive or negative effects of a policy, plan, program, or project on the health of a population, as well as the distribution of those effects within the population.<sup>42</sup> Depending on available data and potential effects, there are different levels of HIA analysis, and we recommend that the Corps' involve public health professionals in determining the appropriate level of analysis. In addition to evaluating impacts, we recommend that the HIA identify the appropriate actions to manage or mitigate health effects from the proposed project.

Guidelines for conducting an HIA are available from various sources.<sup>43</sup> The World Health Organization has links to many guides.<sup>44</sup> The International Finance Corporation has also developed detailed guidelines for conducting an HIA.<sup>45</sup> In addition, the State of Alaska has developed *Technical Guidance for Health Impact Assessment*, also known as the “Alaska HIA Toolkit”.<sup>46</sup>

<sup>42</sup> This definition is from the International Association for Impact Assessment (IAIA), which is modified from the World Health Organization's Gothenberg consensus statement (1999).

<sup>43</sup> The EPA does not endorse or recommend use of any single or particular guidance on HIA. These references are provided as general information and to assist permitting agencies with identifying additional resources on HIA.

<sup>44</sup> See <http://www.who.int/hia/about/guides/en/>.

<sup>45</sup> See <http://www.ifc.org/wps/wcm/connect/a0f1120048855a5a85dcd76a6515bb18/HealthImpact.pdf?MOD=AJPERES>.

<sup>46</sup> See <http://dhss.alaska.gov/dph/Epi/hia/Documents/AlaskaHIAToolkit.pdf>.

## **CONSULTATION AND COORDINATION WITH TRIBAL GOVERNMENTS**

Executive Order 13175, Consultation and Coordination with Indian Tribal Governments (November 6, 2000), was issued to establish regular and meaningful consultation and collaboration with tribal officials in the development of federal policies that have tribal implications, and to strengthen the United States' government-to-government relationships with Indian tribes. In addition, pursuant to Public Law 108-119, 118 Stat. 452, as amended by Public Law 108-4217, 188 Stat. 3267, federal agencies are required to consult with Alaska Native Claims Settlement Act corporations on the same basis as Indian tribes under Executive Order 13175. We recommend that the EIS describe the process and outcome of any government-to-government and/or government-to-corporation consultations regarding the Pebble Project, issues that were raised during the tribal consultations and how those issues were addressed.

Cooperating agency involvement establishes a mechanism for addressing intergovernmental issues throughout the EIS development process, and we support the Corps' inclusion of two tribal governments as cooperating agencies. We recommend that the Corps remain open to including other potentially affected tribal governments that have the resources and interest in serving as cooperating agencies for EIS development, consistent with the July 28, 1999, memorandum from CEQ to the heads of federal agencies.

## **ANALYSIS TOOLS AND METHODOLOGIES**

### **Baseline Data Adequacy**

We suggest categorizing and synthesizing existing data to ensure pertinent information is available for review and use in the EIS analysis. We understand that the Corps intends to establish focused workgroups during development of the EIS. We support this approach and recommend that the workgroups include cooperating agency subject matter experts for key areas (air, water, wetlands, fisheries, etc.) to review baseline data for completeness, identify data gaps, and recommend approaches toward resolving those gaps in a timely manner. For example, additional analysis or collection of additional data may be required to characterize the accuracy of best available baseline estimates of resources such as fish populations, groundwater elevations, or wetland extents. Such information will be critical for designing and developing a robust monitoring framework and for assessing impacts during and after project development and comparing those to the baseline.

### **Geochemistry/Characterization of Ore, Waste Rock, and Tailings**

To provide reliable predictions of water quality and impacts to surface water and groundwater due to wastewater and mine waste management, we recommend that the physical and chemical characteristics of the ore, pit walls, waste rock, and tailings should be determined and disclosed in the EIS. Environmental samples used to support projections should represent a range of conditions that currently occur and that could occur in the future as a result of the project, including under potentially altered future climate conditions. Waste materials (ore, waste rock, tailings) used for environmental projections should be representative of the material to be mined and related to the mine plan and proposed processing methods. Physical and chemical characterization should be conducted in a manner that provides environmentally conservative estimates of impacts.

It may be helpful to consider EPA Region 10's Sourcebook for Hardrock Mining for recommendations related to the NEPA analyses of mining projects.<sup>47</sup> We recommend that the following information be utilized to characterize geologic and mineralogy setting/aqueous geochemistry in the baseline environment and impact prediction sections of the EIS:

- Whole rock analysis;
- Mineralogy;
- Drill core descriptions;
- Block model or similar model (a computerized estimate of the quantity and characteristics of ore and waste);
- Available literature on the ore deposit;
- Mineral occurrences (e.g., on fracture surfaces, in groundmass, using hand specimens and thin section) with an emphasis on sulfides and carbonates;
- Acid-base accounting;
- Long-term kinetic testing (including possible startup of test pads if sufficient material and access to site are available);
- Baseline surface and ground water quality and flows (including springs);
- Potentiometric surface for groundwater;
- Hydraulic properties (e.g., hydraulic conductivity, porosity, permeability) of soil, vadose zone, and groundwater aquifers, especially under proposed locations of mine facilities; and
- Hydrogeochemical models for prediction of water quality.

### **Predictive Modeling**

We recommend that predictive modeling be based on a site-specific conceptual model that describes the system boundaries, spatial and temporal scales, hydraulic (for water modeling) and chemical characteristics, sources of data and data gaps, and the mathematical relationships used to describe processes. We also recommend that our suggestions be applied to any environmental and predictive modeling used for assessing impacts in the EIS. The water quality model, in particular, should be capable of predicting both whole water and dissolved fractions of metals/metalloids and should provide temporal predictions that are consistent with the time-steps in applicable water quality criteria.

Any modeling documentation should include:

- Tables of parameter values used in the model;
- Tables and graphs of results;
- Uncertainty and sensitivity analyses;
- Errors associated with both measured and assumed data; and
- Recommendations for further analysis, if applicable.

We recommend that discussions on modeling include a clear statement of the management objectives intended to be achieved by the modeling, the level of analysis required to meet the objectives, and uncertainties associated with modeled outcomes. For your reference, please refer to EPA's guidance that provides recommendations for the effective development, evaluation, and use of models in

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<sup>47</sup>U.S. EPA Region 10. 2003. EPA and Hardrock Mining: A Source Book for Industry in the Northwest and Alaska January 2003.



environmental decision making.<sup>48</sup>

We recommend that the EIS use caution in describing absolute outcomes based on modeling. Mathematical modeling used for describing the physical and chemical characteristics of the project site and potential impacts includes a level of uncertainty; understanding these uncertainties and associated risks is necessary for informed decision making. We recommend that the study plan for modeling analysis clearly state the purpose, questions of concern, method, data, and limitations of the model to generate valuable interpretations. We also strongly recommend an appropriately conservative approach be taken with modeling and a range of predictive outcomes be discussed (e.g., most likely case, reasonable worst-case, and reasonable best-case scenarios) that reflect a range of climatic settings and critical input values. Inclusion of a reasonable range of outcomes allows the agencies to make better informed plans for mitigation, adaptive management, and contingencies to respond to reasonably foreseeable adverse impacts.

### **Traditional Ecological Knowledge**

Due to the location of the proposed project and traditional uses of the area, we recommend the identification, inclusion, and integration of traditional ecological knowledge into the EIS analysis, as appropriate. Such anthropological work can include the collection of local and traditional knowledge concerning the affected environment, anticipated impacts from the project, and traditional hunting and land use patterns in the area. We recommend that, in addition to reviewing any pertinent traditional ecological knowledge currently available, additional studies be conducted as necessary to clearly identify concerns and potential impacts, including cumulative impacts, from the proposed project and project alternatives. This information should be reviewed and included in the EIS to the extent possible and utilized in the analysis of potential impacts.

## **MITIGATION, MONITORING, AND ADAPTIVE MANAGEMENT**

### **Mitigation**

CEQ regulations at 40 C.F.R. § 1508.20 define mitigation to include five categories of actions to address impacts. Briefly stated, these are: avoiding, minimizing, rectifying, reducing, and compensating. The regulations at 40 C.F.R. § 1502.14(f), 1502.16(h), and 1508.25 indicate that appropriate mitigation measures should be addressed in an EIS both as part of the analysis of alternatives and in discussions of environmental consequences.

Mitigation is also relevant to evaluating compliance with the Guidelines, which prohibit discharges of dredged or fill material that will cause or contribute to significant degradation of the waters of the United States, and prohibit all discharges *“unless appropriate and practicable steps have been taken which will minimize potential adverse impacts of the discharge on the aquatic ecosystem.”*<sup>49</sup>

The Guidelines identify numerous types of actions to mitigate potential adverse impacts, which include

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<sup>48</sup> Guidance Document on the Development, Evaluation and Application of Environmental Models (PDF), EPA/100/K-09/003, March 2009. <http://www.epa.gov/crem/cremlib.html>.

<sup>49</sup> 40 C.F.R. § 230.10(d).

measures to avoid, minimize, and compensate for impacts. Avoidance, minimization, and compensation form a “mitigation sequence” that must be followed in order to comply with the Guidelines’ requirement that all appropriate and practicable steps be taken to mitigate impacts to aquatic resources.<sup>50</sup> Compensatory mitigation considerations under the Guidelines are discussed further in the section on aquatic resources above.

The EPA recommends that the EIS identify the type of activities that would require mitigation measures during the construction, operation, and closure phases of this project. In addition, we recommend identifying whether implementation of each measure is required by the Corps or any other governmental entity and which entity will be responsible for implementing the measure. To the extent possible, mitigation goals and measurable performance standards should be identified in the EIS to reduce impacts to a particular level or adopted to achieve an environmentally preferable outcome. CEQ guidance on the Appropriate Use of Mitigation and Monitoring seeks to enable agencies to create successful mitigation planning and implementation procedures with robust public involvement and monitoring programs.<sup>51</sup>

### Monitoring

Environmental monitoring programs should be designed to assess both impacts from the project and whether implemented mitigation measures are effective. We recommend that the monitoring programs:

- Define the monitoring goals and objectives;
- Provide details to demonstrate that goals and objectives will be achieved such as the parameters to be monitored, monitoring locations and frequency, data analysis, and reporting;
- Discuss actions (contingencies, triggers, adaptive management, corrective actions, etc.) that will be taken based on monitoring results;
- Identify and incorporate controls and pre-project data with quantified bias and precision to enable detection of impacts, success of BMPs, and ability to distinguish these from natural variation; and
- Require regular analysis and reporting of data to oversight agencies, including submittal of a sampling and quality assurance plan for agency approval.

We recommend that the monitoring programs be described in the EIS and that the EIS also discuss public participation, and how the public can get information on mitigation effectiveness and monitoring results.

### Adaptive Management Planning

We recommend that the EIS utilize adaptive management and contingency planning to describe the strategy for responding to unforeseen circumstances at the site. The strategy should include “trigger levels” (e.g., exceedance of ecological benchmarks) or observations (e.g., statistically significant trends in indicators, permit violations, water balance problems, changes in discharge or chemistry of springs/seeps) that would set follow-up actions into motion. This strategy or plan should be described so that reviewers may comment on its adequacy. This type of plan, when coupled with the monitoring program, is necessary to mitigate for uncertainties and risks associated with predictions of

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<sup>50</sup> 40 C.F.R. § 230.10(a), (d); See Memorandum of Agreement between U.S. Department of Army and the Environmental Protection Agency on the Determination of Mitigation Under the Clean Water Act Section 404(b)(1) Guidelines.

<sup>51</sup> [https://ceq.doe.gov/docs/ceq-regulations-and-guidance/Mitigation\\_and\\_Monitoring\\_Guidance\\_14Jan2011.pdf](https://ceq.doe.gov/docs/ceq-regulations-and-guidance/Mitigation_and_Monitoring_Guidance_14Jan2011.pdf).

environmental outcomes, and will provide an early warning system of unexpected outcomes.

## **FINANCIAL ASSURANCE**

NEPA provides for the disclosure of all information concerning the environmental consequences of a proposed action to agency decision makers and the public before decisions are made and actions are taken. A key component in determining the environmental impacts of a mining project is the effectiveness of the closure and reclamation activities, including long-term water management. In turn, whether any closure and reclamation activities that may be necessary will be adequately funded is key to determining whether those activities will be effective. We therefore recommend that the project's ability to self-fund, and/or any third-party financial assurance mechanisms, be disclosed. Disclosure of the financial assurance amount and mechanism is particularly important for this project given that PLP's proposal includes long term water management and treatment.

We recommend that the draft EIS disclose the estimated costs to reclaim and close the site in a manner that achieves reclamation goals and post-mining land use objectives. The EPA recommends that the final EIS identify proposed financial assurance mechanisms and demonstrate that these mechanisms would ensure that necessary reclamation work is completed.

The EPA is available for further conversations about the level of detail to include in the document. Below are the main elements that we believe should be disclosed in the EIS:

### **1. Site Reclamation** (facility closure, earth moving/stabilization, revegetation, etc.):

- Phases of reclamation;
- Estimated cost (+/- percent) to reclaim and close the site in a manner that achieves reclamation goals and post-mining land use objectives;
- Criteria for determining success of reclamation activities for financial assurance release; and
- Costs associated with implementing contingency measures to address reasonably foreseeable but not specifically predicted outcomes.

### **2. Long-Term Site Management** (post-closure water treatment, mitigation of impacts to aquatic resources, site maintenance, and monitoring):

- Itemized cost estimate (including reasonable contingencies) and appropriate economic variables to calculate the net present value of future expenses; and
- If a trust fund is utilized, address the "mechanics" of the fund, including:
  - Trust fund mechanism (e.g., current value trust, net present value trust, etc.);
  - Requirements for timing of payments into the trust fund;
  - How the Corps would ensure that the trust fund or other financial assurance could not be claimed by a creditor in the case of bankruptcy;
  - Acceptable financial instruments;
  - How trust management fees and taxes will be paid;
  - Identity of the trust fund beneficiaries; and
  - Identity of the operator with responsibility/liability for financial assurance.

Message

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**From:** Wright, Wendy [Wright.Wendy@epa.gov]  
**Sent:** 4/30/2018 3:58:52 PM  
**To:** Nogi, Jill [nogi.jill@epa.gov]; Hood, Lynne [Hood.Lynne@epa.gov]; Kubo, Teresa [Kubo.Teresa@epa.gov]; Mbabaliye, Theogene [Mbabaliye.Theogene@epa.gov]; Peterson, Erik [Peterson.Erik@epa.gov]; Somers, Elaine [somers.elaine@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]; Jen, Mark [Jen.Mark@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; Owens, Kim [Owens.Kim@epa.gov]  
**Subject:** NEPA Workload Report - April 30, 2018  
**Attachments:** NEPA Workload Report April 30, 2018.pdf

Theo told me he could not open this week's Workload Report. I am re-sending it via email. If you receive it twice, I apologize. Let me know if you can't open this attachment.

*Wendy Wright*  
*SEE Administrative Assistant*  
*206.533.6232*  
*1200 Sixth Avenue - 14<sup>th</sup> Floor*  
*Seattle, WA 98101*

# NEPA Workload

TITLE	ERP	CEQ	REGION 10	DUE DATE	EXTENSION	REVIEWER	TYPE
Non-Responsive: Unrelated to Bristol Bay/Pebble Mine							

Pebble Project, Cooperating Agency, Pebble Mine, AK	18-0002-COE	4/30/2018	6/29/2018	vaughan	Scoping
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The Following Are Late

NEPA Workload

TITLE	ERP	CEQ	REGION 10	DUE DATE	EXTENSION	REVIEWER	TYPE
<u>CETA Ongoing</u>							

Message

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**From:** Palomaki, Ashley [Palomaki.Ashley@epa.gov]  
**Sent:** 4/4/2018 1:41:41 AM  
**To:** Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]  
**Subject:** FW: Notice of Intent to Prepare an Environmental Impact Statement (Pebble Limited Partnership)

Ashley Palomaki  
Assistant Regional Counsel  
U.S. EPA Region 10 Office of Regional Counsel  
1200 Sixth Avenue, Suite 900, ORC-113  
Seattle, WA 98101  
206-553-8582

-----Original Message-----

From: Allnutt, David  
Sent: Tuesday, April 03, 2018 6:38 PM  
To: McGrath, Patricia <mcgrath.patricia@epa.gov>; Vaughan, Molly <Vaughan.Molly@epa.gov>; Nogi, Jill <nogi.jill@epa.gov>; Palomaki, Ashley <Palomaki.Ashley@epa.gov>  
Subject: RE: Notice of Intent to Prepare an Environmental Impact Statement (Pebble Limited Partnership)

## Deliberative Process / Ex. 5

R. David Allnutt, Director  
Office of Environmental Review and Assessment U.S. EPA, Region 10  
1200 Sixth Avenue, Suite 900  
Seattle, Washington 98101-3140  
(206) 553-2581

-----Original Message-----

From: McGrath, Patricia  
Sent: Friday, March 30, 2018 1:11 PM  
To: Vaughan, Molly <Vaughan.Molly@epa.gov>; Allnutt, David <Allnutt.David@epa.gov>; Nogi, Jill <nogi.jill@epa.gov>; Palomaki, Ashley <Palomaki.Ashley@epa.gov>  
Subject: FW: Notice of Intent to Prepare an Environmental Impact Statement (Pebble Limited Partnership)

Jill and David-

The Corps today issued its NOI to prepare an EIS and its scoping schedule. See links below.  
The scoping period runs from April 1 to 30.

## Deliberative Process / Ex. 5

Thanks - Patty

-----Original Message-----

From: Worby-Miller, Angela N CIV USARMY CEPOA (US) [mailto:Angela.N.Worby-Miller@usace.army.mil]  
Sent: Friday, March 30, 2018 11:22 AM  
To: Pagemaster, Reg POA <regpagemaster@usace.army.mil>  
Cc: POA Special Projects <poaspecialprojects@usace.army.mil>  
Subject: Notice of Intent to Prepare an Environmental Impact Statement (Pebble Limited Partnership)

Interested parties are hereby notified that a Department of the Army permit application has been received for work in waters of the United States.

SPECIAL PUBLIC NOTICE DATE: March 30, 2018

IDENTIFICATION NUMBER: POA-2017-271

APPLICANT: Pebble Limited Partnership

LOCATION: The project would be located in the Iliamna region of southwest Alaska, approximately 200 miles southwest of Anchorage and 60 miles west of Cook Inlet. The closest communities are the villages of Iliamna, Newhalen, and Nondalton, each approximately 17 miles from the Pebble Deposit.

CONTACT:

For information regarding the proposed project plans and construction, please contact the applicant at:  
Pebble Limited Partnership  
3201 C Street, Suite 505  
Anchorage, Alaska 99503.

For additional information regarding the EIS process (including scoping) please contact:

Mr. Shane McCoy  
Program Manager, Regulatory Division  
US Army Corps of Engineers, Alaska District CEPOA-RD Post Office Box 6898 JBER, Alaska 99506-0898

Also, please visit our project website at [www.PebbleProjectEIS.com](http://www.PebbleProjectEIS.com).

The full text of this public notice, as well as associated maps and drawings, are available on our website at:

<http://www.poa.usace.army.mil/Missions/Regulatory/Special-Public-Notices/>

(Note: if the above link isn't clickable or part of the link is cut off, please copy and paste the entire URL into your browser's address bar and press Enter)

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**\*\*NOTICE TO EDITORS:** This public notice is provided as background information and is not a request or contract for publication.

U.S. Army Corps of Engineers  
Alaska District  
Regulatory Division, CEPOA-RD  
2204 3rd Street, Post Office Box 6898  
JBER, Alaska 99506-0898

The understanding and support of Alaskans is vital to the success of the Regulatory Program. We must work together to protect Alaska's water resources, ensuring their use and enjoyment for future generations, while enabling responsible development.

Regulatory Division website:  
<http://www.poa.usace.army.mil/Missions/Regulatory/RegulatoryContacts.aspx>

Customer Survey:  
<http://per2.nwp.usace.army.mil/survey.html>

If you would like to be removed from this mailing list, please reply with "Opt Out" in subject line.



Message

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**From:** Palomaki, Ashley [Palomaki.Ashley@epa.gov]  
**Sent:** 5/22/2018 3:04:30 PM  
**To:** Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]  
**Subject:** FW: Bristol Bay - Administrator Meeting with House Western Caucus

Sorry! Was going to cc you.

**Ashley Palomaki**  
Assistant Regional Counsel  
U.S. EPA Region 10 Office of Regional Counsel  
1200 Sixth Avenue, Suite 155, ORC-113  
Seattle, WA 98101  
206-553-8582

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**From:** Palomaki, Ashley  
**Sent:** Tuesday, May 22, 2018 8:04 AM  
**To:** Stern, Allyn <Stern.Allyn@epa.gov>; Peterson, Erik <Peterson.Erik@epa.gov>; Allnutt, David <Allnutt.David@epa.gov>  
**Subject:** FW: Bristol Bay - Administrator Meeting with House Western Caucus

FYI –

Also – Carrie said the following this morning:

## Deliberative Process / Ex. 5

**Ashley Palomaki**  
Assistant Regional Counsel  
U.S. EPA Region 10 Office of Regional Counsel  
1200 Sixth Avenue, Suite 155, ORC-113  
Seattle, WA 98101  
206-553-8582

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**From:** Nalven, Heidi  
**Sent:** Tuesday, May 22, 2018 7:37 AM  
**To:** Hough, Palmer <Hough.Palmer@epa.gov>; Palomaki, Ashley <Palomaki.Ashley@epa.gov>  
**Cc:** Wehling, Carrie <Wehling.Carrie@epa.gov>; Steiner-Riley, Cara <Steiner-Riley.Cara@epa.gov>  
**Subject:** FW: Bristol Bay

FYI.

---

**From:** Fotouhi, David  
**Sent:** Tuesday, May 22, 2018 10:28 AM  
**To:** Nalven, Heidi <Nalven.Heidi@epa.gov>; Neugeboren, Steven <Neugeboren.Steven@epa.gov>; Wehling, Carrie <Wehling.Carrie@epa.gov>  
**Subject:** RE: Bristol Bay

Very helpful; thank you!

**David Fotouhi**

Deputy General Counsel  
Office of General Counsel  
U.S. Environmental Protection Agency  
Tel: +1 202.564.1976  
[fotouhi.david@epa.gov](mailto:fotouhi.david@epa.gov)

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**From:** Nalven, Heidi

**Sent:** Tuesday, May 22, 2018 10:04 AM

**To:** Fotouhi, David <[Fotouhi.David@epa.gov](mailto:Fotouhi.David@epa.gov)>; Neugeboren, Steven <[Neugeboren.Steven@epa.gov](mailto:Neugeboren.Steven@epa.gov)>; Wehling, Carrie <[Wehling.Carrie@epa.gov](mailto:Wehling.Carrie@epa.gov)>

**Subject:** RE: Bristol Bay

Hi David – Below is a status update of PLP's permit application. I have attached the FR notice I quoted from just in case you wanted to see it. Carrie mentioned that the Congressional Western Caucus is coming in for a meeting. I wanted to make sure you were of the attached letter from some Caucus members. OW is currently preparing a draft response. Also, as you may recall, staff worked on a paper responding to PLP's most recent letters. We wanted to see when might be a good time to send that paper to you.

Heidi

+++++

- Pebble's permit application is currently in the NEPA scoping phase.
- Substance: The Corps' public notice announcing its intent to issue the EIS explained that "[s]coping is conducted to assist in determining the scope of analysis, significant issues and alternatives to be analyzed in depth in the DEIS."
  - The Corps' public notice indicated that the draft EIS will identify a range of alternatives and evaluate reasonable and practicable alternatives, including "the no action alternative, the applicant's proposed alternative, alternative mine locations and mine plans, alternative mining methods and processes, alternatives that may result in avoidance and minimization of impacts, and mitigation measures not in the proposed action."
  - The notice identified significant issues that will be analyzed in the draft EIS related to the effects of the proposed Pebble mine and associated infrastructure construction, operation and closure. These significant issues include "wetlands, water quality, air quality, hazardous materials, fish and wildlife, vegetation, cultural resources, food production, land use, needs and welfare of the people (socioeconomics including commercial fishing and tourism), recreation, general environmental concerns, historic properties, navigation, and safety."
- Process: The Corps' public scoping period ends on June 29, 2018.
  - Region 10 is preparing a draft scoping letter.
  - The draft letter will come to headquarters (OW, OFA and OGC) for review June 4<sup>th</sup>-June 12<sup>th</sup>.

**Heidi Nalven**

U.S. EPA Office of General Counsel  
202-564-3189

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**From:** Fotouhi, David

**Sent:** Monday, May 21, 2018 7:29 PM

**To:** Neugeboren, Steven <[Neugeboren.Steven@epa.gov](mailto:Neugeboren.Steven@epa.gov)>; Wehling, Carrie <[Wehling.Carrie@epa.gov](mailto:Wehling.Carrie@epa.gov)>; Nalven, Heidi <[Nalven.Heidi@epa.gov](mailto:Nalven.Heidi@epa.gov)>

**Subject:** Bristol Bay

Could you provide me with any recent updates on Bristol Bay, including the status of Pebble's permit application with the Corps, by tomorrow at noon? Thank you.

**David Fotouhi**

Deputy General Counsel  
Office of General Counsel  
U.S. Environmental Protection Agency  
Tel: +1 202.564.1976  
[fotouhi.david@epa.gov](mailto:fotouhi.david@epa.gov)

Message

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**From:** Nalven, Heidi [Nalven.Heidi@epa.gov]  
**Sent:** 6/15/2018 6:40:24 PM  
**To:** Marshall, Tom [marshall.tom@epa.gov]; Stern, Allyn [Stern.Allyn@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; Hoppe, Allison [hoppe.allison@epa.gov]; Neugeboren, Steven [Neugeboren.Steven@epa.gov]  
**CC:** Palomaki, Ashley [Palomaki.Ashley@epa.gov]  
**Subject:** Here's the version we are talking from  
**Attachments:** EDIT DF edits to Pebble Project Scoping 060518 draft\_noon.docx

**Heidi Nalven**  
U.S. EPA Office of General Counsel  
202-564-3189

## Appointment

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**From:** Steiner-Riley, Cara [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=0BEF7D04F2E64E4B8B90235A30CC7109-STEINER-RILEY, CARA]  
**Sent:** 5/3/2018 8:00:45 PM  
**To:** Stern, Allyn [Stern.Alyn@epa.gov]

**Subject:** FW: Bristol Bay Check-in

**Location:** R10Sea-Room-14Elwha/R10-Rooms-Service-Center

Conference Line/Code / Ex. 6

**Start:** 2/14/2018 5:00:00 PM

**End:** 2/14/2018 6:00:00 PM

**Show Time As:** Tentative

**Recurrence:** Weekly  
every 2 week(s) on Wednesday from 9:00 AM to 10:00 AM

-----Original Appointment-----

**From:** R10-OERA Calendar

**Sent:** Monday, February 05, 2018 10:13 AM

**To:** R10-OERA Calendar; Allnutt, David; Anderson-Carnahan, Linda; McGrath, Patricia; Palomaki, Ashley; Steiner-Riley, Cara; Lindsay, Andrea; Skadowski, Suzanne; Nogi, Jill; LaCroix, Matthew; Vaughan, Molly; Hough, Palmer; Peterson, Erik; Nalven, Heidi; Fordham, Tami; Combes, Marcia; Mendelman, Krista; Szerlog, Michael

**Subject:** Bristol Bay Check-in

**When:** Occurs every 2 week(s) on Wednesday effective 2/14/2018 until 6/8/2018 from 9:00 AM to 10:00 AM (UTC-08:00) Pacific Time (US & Canada).

**Where:** R10Sea-Room-14Elwha/R10-Rooms-Service-Center;

Conference Line/Code / Ex. 6

Conference Line/Code / Ex. 6

## Appointment

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**From:** Peterson, Erik [Peterson.Erik@epa.gov]  
**Sent:** 6/12/2018 11:14:40 PM  
**To:** Peterson, Erik [Peterson.Erik@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]; Douglas, Mark [douglas.mark@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Fordham, Tami [Fordham.Tami@epa.gov]; Stern, Allyn [Stern.Allyn@epa.gov]  
**CC:** Detwiler, Susan K. [detwiler.susan@epa.gov]; Chu, Rebecca [Chu.Rebecca@epa.gov]

**Subject:** Bristol Bay Check-in  
**Attachments:** Untitled Attachment; Untitled Attachment; Untitled Attachment; Untitled Attachment; Untitled Attachment  
**Location:** R10Sea-Room-14Elwha/R10-Rooms-Service-Center

**Start:** 7/31/2018 4:00:00 PM  
**End:** 7/31/2018 5:00:00 PM  
**Show Time As:** Free

**Recurrence:** Weekly  
Occurs on Tuesday every other week from 9:00 AM to 10:00 AM effective 7/31/2018 until 1/30/2019.

Erik Peterson will email the agenda prior to the meeting.

### → Join by Phone

**Conference Line/Code / Ex. 6**

### → Meeting Organizer

Erik Peterson, USEPA (206) 553-6382 office

## Appointment

---

**To:** Peterson, Erik [Peterson.Erik@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]; Douglas, Mark [douglas.mark@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Fordham, Tami [Fordham.Tami@epa.gov]; Stern, Allyn [Stern.Allyn@epa.gov]

**CC:** Detwiler, Susan K. [detwiler.susan@epa.gov]; Chu, Rebecca [Chu.Rebecca@epa.gov]

**Location:** R10Sea-Room-14WallaWalla/R10-Rooms-Service-Center

**Start:** 12/4/2018 5:00:00 PM

**End:** 12/4/2018 6:00:00 PM

**Show Time As:** Busy

**Recurrence:** (none)

Erik Peterson will email the agenda prior to the meeting.

### → Join by Phone

**Conference Line/Code / Ex. 6**

### → Meeting Organizer

Erik Peterson, USEPA (206) 553-6382 office

## Appointment

---

**To:** Fordham, Tami [Fordham.Tami@epa.gov]; Peterson, Erik [Peterson.Erik@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]; Douglas, Mark [douglas.mark@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Stern, Allyn [Stern.Alyn@epa.gov]; Fordham, Tami [Fordham.Tami@epa.gov]

**CC:** Detwiler, Susan K. [detwiler.susan@epa.gov]; Chu, Rebecca [Chu.Rebecca@epa.gov]

**Location:** R10Sea-Room-14Elwha/R10-Rooms-Service-Center

**Start:** 11/20/2018 5:00:00 PM

**End:** 11/20/2018 6:00:00 PM

**Show Time As:** Tentative

**Recurrence:** (none)  
every 2 week(s) on Tuesday from 9:00 AM to 10:00 AM

### Agenda

#### **Permit Oversight/ NEPA Review Team**

Preliminary EIS review

#### **404(c) Team**

NEPA/404c coordination

Competitive Enterprise Institute Information Quality Act Request for Correction or Withdrawal Regarding Bristol Bay Watershed Assessment

#### **FOIA**

- E&E News (011614)
- McKeever FOIA Lawsuit
- Trustees for Alaska 2 (0135)
- HQ FOIA Role

#### **Congressional correspondence**

- Western Caucus (Gosar et al) – Forsgren signed final sent 9/16/18
- Lamar Smith – nearly identical Forsgren signed final sent 10/18/18
- DeFazio and Carper – in process

June 2018 memo on 404c regulation revisions

#### **External meeting**

- 11/14/18 Forsgren, PLP and other BB stakeholders

### **→ Join by Phone**

**Conference Line/Code / Ex. 6**



Conference Line/Code / Ex. 6

→ **Meeting Organizer**

Erik Peterson, USEPA (206) 553-6382 office

## Appointment

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**From:** Peterson, Erik [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=0ecba75a9f9448d3980a693951129e64-Peterson, Erik]  
**Sent:** 11/16/2018 8:06:38 PM  
**To:** Peterson, Erik [Peterson.Erik@epa.gov]; Allnutt, David; Anderson-Carnahan, Linda; McGrath, Patricia; Palomaki, Ashley; Steiner-Riley, Cara; Lindsay, Andrea; Skadowski, Suzanne; Nogi, Jill; Douglas, Mark; Vaughan, Molly; Hough, Palmer; Nalven, Heidi; Fordham, Tami; Stern, Allyn  
**CC:** Detwiler, Susan K.; Chu, Rebecca  
**Subject:** Bristol Bay Check-in  
**Location:** R10Sea-Room-14Elwha/R10-Rooms-Service-Center  
**Start:** 11/20/2018 5:00:00 PM  
**End:** 11/20/2018 6:00:00 PM  
**Show Time As:** Tentative

**Recurrence:** Weekly  
every 2 week(s) on Tuesday from 9:00 AM to 10:00 AM

### Agenda

#### **Permit Oversight/ NEPA Review Team**

Preliminary EIS review

#### **404(c) Team**

NEPA/404c coordination

Competitive Enterprise Institute Information Quality Act Request for Correction or Withdrawal Regarding Bristol Bay Watershed Assessment

#### FOIA

- E&E News (011614)
- McKeever FOIA Lawsuit
- Trustees for Alaska 2 (0135)
- HQ FOIA Role

#### Congressional correspondence

- Western Caucus (Gosar et al) – Forsgren signed final sent 9/16/18
- Lamar Smith – nearly identical Forsgren signed final sent 10/18/18
- DeFazio and Carper – in process

June 2018 memo on 404c regulation revisions

#### External meeting

- 11/14/18 Forsgren, PLP and other BB stakeholders

### **→ Join by Phone**

**Conference Line/Code / Ex. 6**

**Conference Line/Code / Ex. 6**

**→ Meeting Organizer**

Erik Peterson, USEPA (206) 553-6382 office

## Appointment

---

**From:** R10-OERA Calendar [R10-OERA\_Calendar@epa.gov]  
**Sent:** 6/25/2018 8:03:09 PM  
**To:** R10-OERA Calendar [R10-OERA\_Calendar@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Szerlog, Michael [Szerlog.Michael@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]; LaCroix, Matthew [LaCroix.Matthew@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Peterson, Erik [Peterson.Erik@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Fordham, Tami [Fordham.Tami@epa.gov]; Marcia Combes (Combes.Marcia@epa.gov) [Combes.Marcia@epa.gov]; Mendelman, Krista [Mendelman.Krista@epa.gov]; Stern, Allyn [Stern.Allyn@epa.gov]  
**CC:** Douglas, Mark [douglas.mark@epa.gov]; Detwiler, Susan K. [detwiler.susan@epa.gov]  
**Subject:** Bristol Bay Check-in  
**Attachments:** Untitled Attachment  
**Location:** R10Sea-Room-14Elwha/R10-Rooms-Service-Center **Conference Line/Code / Ex. 6**  
**Start:** 6/20/2018 4:00:00 PM  
**End:** 6/20/2018 5:00:00 PM  
**Show Time As:** Tentative  
  
**Recurrence:** Weekly  
every 2 week(s) on Wednesday from 9:00 AM to 10:00 AM

## Appointment

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**To:** Mendelman, Krista [Mendelman.Krista@epa.gov]; Fordham, Tami [Fordham.Tami@epa.gov]; R10-OERA Calendar [R10-OERA\_Calendar@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Szerlog, Michael [Szerlog.Michael@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]; LaCroix, Matthew [LaCroix.Matthew@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Peterson, Erik [Peterson.Erik@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Marcia Combes (Combes.Marcia@epa.gov) [Combes.Marcia@epa.gov]; Stern, Allyn [Stern.Allyn@epa.gov]; Fordham, Tami [Fordham.Tami@epa.gov]; Mendelman, Krista [Mendelman.Krista@epa.gov]

**CC:** Detwiler, Susan K. [detwiler.susan@epa.gov]; Douglas, Mark [douglas.mark@epa.gov]

**Location:** R10Sea-Room-14Elwha/R10-Rooms-Service-Center; **Conference Line/Code / Ex. 6**

**Start:** 7/3/2018 4:00:00 PM

**End:** 7/3/2018 5:00:00 PM

**Show Time As:** Tentative

**Recurrence:** (none)

## Appointment

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**From:** R10-OERA Calendar [R10-OERA\_Calendar@epa.gov]  
**Sent:** 5/3/2018 8:00:47 PM  
**To:** R10-OERA Calendar [R10-OERA\_Calendar@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]; LaCroix, Matthew [LaCroix.Matthew@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Peterson, Erik [Peterson.Erik@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Fordham, Tami [Fordham.Tami@epa.gov]; Combes, Marcia [Combes.Marcia@epa.gov]; Mendelman, Krista [Mendelman.Krista@epa.gov]; Szerlog, Michael [Szerlog.Michael@epa.gov]  
**CC:** Stern, Allyn [Stern.Allyn@epa.gov]; Douglas, Mark [douglas.mark@epa.gov]

**Subject:** FW: Bristol Bay Check-in

**Attachments:** Untitled Attachment; Untitled Attachment; Bristol Bay Check-in

**Location:** R10Sea-Room-14Elwha/R10-Rooms-Service-Center

**Conference Line/Code / Ex. 6**

**Start:** 2/14/2018 5:00:00 PM

**End:** 2/14/2018 6:00:00 PM

**Show Time As:** Busy

**Recurrence:** Weekly  
every 2 week(s) on Wednesday from 9:00 AM to 10:00 AM

-----Original Appointment-----

**From:** R10-OERA Calendar

**Sent:** Monday, February 05, 2018 10:13 AM

**To:** R10-OERA Calendar; Allnutt, David; Anderson-Carnahan, Linda; McGrath, Patricia; Palomaki, Ashley; Steiner-Riley, Cara; Lindsay, Andrea; Skadowski, Suzanne; Nogi, Jill; LaCroix, Matthew; Vaughan, Molly; Hough, Palmer; Peterson, Erik; Nalven, Heidi; Fordham, Tami; Combes, Marcia; Mendelman, Krista; Szerlog, Michael

**Subject:** Bristol Bay Check-in

**When:** Occurs every 2 week(s) on Wednesday effective 2/14/2018 until 6/8/2018 from 9:00 AM to 10:00 AM (UTC-08:00) Pacific Time (US & Canada).

**Where:** R10Sea-Room-14Elwha/R10-Rooms-Service-Center;

**Conference Line/Code / Ex. 6**

**Conference Line/Code / Ex. 6**

## Appointment

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**To:** R10-OERA Calendar [R10-OERA\_Calendar@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]; Peterson, Erik [Peterson.Erik@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Fordham, Tami [Fordham.Tami@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; LaCroix, Matthew [LaCroix.Matthew@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Combes, Marcia [Combes.Marcia@epa.gov]; Mendelman, Krista [Mendelman.Krista@epa.gov]; Szerlog, Michael [Szerlog.Michael@epa.gov]

**CC:** Stern, Allyn [Stern.Allyn@epa.gov]

**Start:** 5/9/2018 4:00:00 PM

**End:** 5/9/2018 5:00:00 PM

**Recurrence:** (none)

## Appointment

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**To:** R10-OERA Calendar [R10-OERA\_Calendar@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]; Peterson, Erik [Peterson.Erik@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Fordham, Tami [Fordham.Tami@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; LaCroix, Matthew [LaCroix.Matthew@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Combes, Marcia [Combes.Marcia@epa.gov]; Mendelman, Krista [Mendelman.Krista@epa.gov]; Szerlog, Michael [Szerlog.Michael@epa.gov]  
**CC:** Stern, Allyn [Stern.Allyn@epa.gov]; Douglas, Mark [douglas.mark@epa.gov]

**Start:** 5/23/2018 4:00:00 PM  
**End:** 5/23/2018 5:00:00 PM

**Recurrence:** (none)



## Appointment

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**To:** R10-OERA Calendar [R10-OERA\_Calendar@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; LaCroix, Matthew [LaCroix.Matthew@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Combes, Marcia [Combes.Marcia@epa.gov]; Mendelman, Krista [Mendelman.Krista@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]; Peterson, Erik [Peterson.Erik@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Fordham, Tami [Fordham.Tami@epa.gov]; Szerlog, Michael [Szerlog.Michael@epa.gov]  
**CC:** Douglas, Mark [douglas.mark@epa.gov]; Stern, Allyn [Stern.Allyn@epa.gov]

**Subject:** Bristol Bay Check-in

**Location:** R10Sea-Room-14Elwha/R10-Rooms-Service-Center;

**Conference Line/Code / Ex. 6**

**Start:** 6/12/2018 4:00:00 PM

**End:** 6/12/2018 5:00:00 PM

**Show Time As:** Busy

**Recurrence:** (none)

**Conference Line/Code / Ex. 6**

Message

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**From:** Neugeboren, Steven [Neugeboren.Steven@epa.gov]  
**Sent:** 6/27/2018 9:34:14 PM  
**To:** Stern, Allyn [Stern.Allyn@epa.gov]  
**CC:** Koslow, Karin [Koslow.Karin@epa.gov]  
**Subject:** your voicemail on pebble nepa letter

Allyn - It has been with david and Justin. I've been pinging David on a regular basis and he's just swamped. Why don't you send Justin and david a note and copy me and Karin, mark it urgent and see if you can get a response.

Steve Neugeboren  
Associate General Counsel for Water  
U.S. EPA  
1200 Pennsylvania Ave., NW  
Washington, DC 20460  
202 (564-5488)

Message

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**From:** Palomaki, Ashley [Palomaki.Ashley@epa.gov]  
**Sent:** 8/13/2018 8:31:16 PM  
**To:** Stern, Allyn [Stern.Alyn@epa.gov]  
**Subject:** FW: Bristol Bay Check-in Agenda for 8/14/18

Hi Allyn – Sorry – I didn't realize you were on this email as well. Below is my current status (Kent and I have a one-hour pre-mediation conference call with Magistrate Judge You tomorrow at 9am so I will not be at this checkin).

**Ashley Palomaki**  
Assistant Regional Counsel  
U.S. EPA Region 10 Office of Regional Counsel  
1200 Sixth Avenue, Suite 155, ORC-113  
Seattle, WA 98101  
206-553-8582

---

**From:** Palomaki, Ashley  
**Sent:** Monday, August 13, 2018 1:27 PM  
**To:** Peterson, Erik <Peterson.Erik@epa.gov>  
**Cc:** Nalven, Heidi <Nalven.Heidi@epa.gov>  
**Subject:** RE: Bristol Bay Check-in Agenda for 8/14/18

Hi Erik –

I have a conference call with a federal judge tomorrow morning at 9am so I will not be able to participate in this meeting: **Personal Matters / Ex. 6**

I think you have current status of FOIA.

**Attorney Client Privilege/Deliberative Process Privilege / Ex. 5**

Ashley

**Ashley Palomaki**  
Assistant Regional Counsel  
U.S. EPA Region 10 Office of Regional Counsel  
1200 Sixth Avenue, Suite 155, ORC-113  
Seattle, WA 98101  
206-553-8582

---

**From:** Peterson, Erik  
**Sent:** Monday, August 13, 2018 12:33 PM  
**To:** Allnutt, David <Allnutt.David@epa.gov>; Anderson-Carnahan, Linda <Anderson-Carnahan.Linda@epa.gov>; McGrath, Patricia <mcgrath.patricia@epa.gov>; Palomaki, Ashley <Palomaki.Ashley@epa.gov>; Steiner-Riley, Cara <Steiner-Riley.Cara@epa.gov>; Lindsay, Andrea <Lindsay.Andrea@epa.gov>; Skadowski, Suzanne

<Skadowski.Suzanne@epa.gov>; Nogi, Jill <nogi.jill@epa.gov>; Douglas, Mark <douglas.mark@epa.gov>; Vaughan, Molly <Vaughan.Molly@epa.gov>; Hough, Palmer <Hough.Palmer@epa.gov>; Nalven, Heidi <Nalven.Heidi@epa.gov>; Fordham, Tami <Fordham.Tami@epa.gov>; Mendelman, Krista <Mendelman.Krista@epa.gov>; Stern, Allyn <Stern.Allyn@epa.gov>; Detwiler, Susan K. <detwiler.susan@epa.gov>

**Subject:** Bristol Bay Check-in Agenda for 8/14/18

Hello,

Tomorrow at 9 am PST, 8/1/18, we will have a Bristol Bay check-in with Linda Anderson-Carnahan. Linda is acting for David Allnutt while he is out.

The purpose of these bi-weekly meetings is for the two Bristol Bay Teams - the Permit Oversight/NEPA Review Team and the 404(c) Team – to check-in with each other and with regional management.

#### Agenda

Preliminary EIS document review

FOIA

De Fazio response

OGC clerk legal memo



**Erik Peterson**, NEPA Reviewer  
U.S. EPA, Region 10  
1200 Sixth Avenue, Suite 155  
Seattle, Washington 98101-3140  
(206) 553-6382

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## Appointment

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**From:** McGrath, Patricia [mcgrath.patricia@epa.gov]  
**Sent:** 8/6/2018 7:27:25 PM  
**To:** Werntz, James [Werntz.James@epa.gov]; Detwiler, Susan K. [detwiler.susan@epa.gov]; Stern, Allyn [Stern.Allyn@epa.gov]; Bilbrey, Sheryl [Bilbrey.Sheryl@epa.gov]; Opalski, Dan [Opalski.Dan@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]  
**Subject:** ET Mining Subgroup meeting  
**Attachments:** ET\_miningsubgroup\_summary\_201808.docx  
**Location:** R10IO [Conference Line/Code / Ex. 6] OO-Meet-Me-Ln/R10-IOO-Eqpt; R10Sea-Room-11Camas-ORC-VTC/R10-Rooms-Restricted  
**Start:** 8/7/2018 4:00:00 PM  
**End:** 8/7/2018 5:00:00 PM  
**Show Time As:** Tentative

### Conference Line/Code / Ex. 6

Meeting of ET Mining Subgroup  
Agenda to be sent out before the meeting

Dear ET Mining Subgroup-

Attached is the mining update for August. Areas highlighted in the update are those that I propose discussing during our meeting tomorrow, which include:

- **Non-Responsive: Unrelated to Bristol Bay/Pebble Mine**
- Project-specific updates – Pebble,
- **Non-Responsive: Unrelated to**
- **Non-Responsive: Unrelated to Bristol Bay/Pebble Mine**

Patty

## Appointment

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**From:** Stern, Allyn [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=2E2D6F5DF08D4E9ABBFF2C0880407775-STERN, ALLYN]  
**Sent:** 11/6/2018 6:26:25 AM  
**To:** Peterson, Erik [Peterson.Erik@epa.gov]  
**Subject:** Declined: Bristol Bay Check-in  
**Location:** R10Sea-Room-14Elwha/R10-Rooms-Service-Center  
**Start:** 11/6/2018 5:00:00 PM  
**End:** 11/6/2018 6:00:00 PM  
  
**Recurrence:** (none)

## Appointment

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**From:** Stern, Allyn [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=2E2D6F5DF08D4E9ABBFF2C0880407775-STERN, ALLYN]  
**Sent:** 6/26/2018 5:37:33 AM  
**To:** R10-OERA Calendar [R10-OERA\_Calendar@epa.gov]

**Subject:** Declined: Bristol Bay Check-in  
**Location:** R10Sea-Room-14Elwha/R10-Rooms-Service-Center;

**Conference Line/Code / Ex. 6**

**Start:** 7/18/2018 4:00:00 PM  
**End:** 7/18/2018 5:00:00 PM

**Recurrence:** (none)

## Appointment

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**From:** Stern, Allyn [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=2E2D6F5DF08D4E9ABBFF2C0880407775-STERN, ALLYN]  
**Sent:** 11/19/2018 11:36:30 PM  
**To:** Peterson, Erik [Peterson.Erik@epa.gov]  
**Subject:** Declined: Bristol Bay Check-in  
**Location:** R10Sea-Room-14Elwha/R10-Rooms-Service-Center  
**Start:** 7/31/2018 4:00:00 PM  
**End:** 7/31/2018 5:00:00 PM  
**Recurrence:** (none)



## Appointment

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**From:** Stern, Allyn [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=2E2D6F5DF08D4E9ABBFF2C0880407775-STERN, ALLYN]  
**Sent:** 6/13/2018 1:55:52 PM  
**To:** Peterson, Erik [Peterson.Erik@epa.gov]  
**Subject:** Tentative: Bristol Bay Check-in  
**Location:** R10Sea-Room-14Elwha/R10-Rooms-Service-Center  
**Start:** 7/31/2018 4:00:00 PM  
**End:** 7/31/2018 5:00:00 PM  
**Recurrence:** (none)

## Appointment

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**From:** Stern, Allyn [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=2E2D6F5DF08D4E9ABBFF2C0880407775-STERN, ALLYN]  
**Sent:** 5/17/2018 7:29:07 PM  
**To:** R10-OERA Calendar [R10-OERA\_Calendar@epa.gov]

**Subject:** Declined: Bristol Bay Check-in  
**Location:** R10Sea-Room-14Elwha/R10-Rooms-Service-Center

**Conference Line/Code / Ex. 6**

**Start:** 6/20/2018 4:00:00 PM  
**End:** 6/20/2018 5:00:00 PM

**Recurrence:** (none)

## Appointment

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**From:** McGrath, Patricia [mcgrath.patricia@epa.gov]  
**Sent:** 4/3/2018 8:58:25 PM  
**To:** McGrath, Patricia [mcgrath.patricia@epa.gov]; Schofield, Kate [Schofield.Kate@epa.gov]; Suter, Glenn [suter.glenn@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]  
**CC:** Lavoie, Emma [Lavoie.Emma@epa.gov]; Bierwagen, Britta [Bierwagen.Britta@epa.gov]; Hagerthey, Scot [Hagerthey.Scot@epa.gov]

**Subject:** ORD support for Pebble EIS

**Location:** **Conference Line/Code / Ex. 6**

**Start:** 4/5/2018 8:00:00 PM

**End:** 4/5/2018 9:00:00 PM

**Show Time As:** Busy

**Conference Line/Code / Ex. 6**

## Appointment

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**From:** Vaughan, Molly [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=89eee45fcea246b78bbbb46014fe7b12-Vaughan, Molly]  
**Sent:** 8/14/2018 6:14:27 PM  
**To:** Vaughan, Molly [Vaughan.Molly@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]  
**BCC:** R10AOO-ConfLnMM-907-271-2895/AOO-Meet-Me-Ln/R10-AOO-Eqpt [R10AOO-  
Conference Line/Code / Ex. 6] Conference Line/Code / Ex. 6  
**Subject:** Pebble Ch. 4  
**Location:** R10AOO-  
Conference Line/Code / Ex. 6 / AOO-Meet-Me-Ln/R10-AOO-Eqpt  
**Start:** 8/14/2018 7:30:00 PM  
**End:** 8/14/2018 8:00:00 PM  
**Show Time As:** Busy

## Appointment

---

**From:** Vaughan, Molly [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=89eee45fcea246b78bbbb46014fe7b12-Vaughan, Molly]  
**Sent:** 7/16/2018 8:38:26 PM  
**To:** Vaughan, Molly [Vaughan.Molly@epa.gov]  
**Subject:** Pebble Meeting  
**Start:** 7/30/2018 9:45:00 PM  
**End:** 7/31/2018 12:15:00 AM  
**Show Time As:** Busy

## Appointment

---

**From:** Vaughan, Molly [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=89EEE45FCEA246B78BBBB46014FE7B12-VAUGHAN, MOLLY]  
**Sent:** 6/13/2018 7:44:18 PM  
**To:** Vaughan, Molly [Vaughan.Molly@epa.gov]  
**Subject:** Pebble Site Visit  
**Start:** 7/31/2018 8:00:00 AM  
**End:** 8/1/2018 8:00:00 AM  
**Show Time As:** Out of Office

## Appointment

---

**To:** Stern, Allyn [Stern.Allyn@epa.gov]; Peterson, Erik [Peterson.Erik@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]; Douglas, Mark [douglas.mark@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Fordham, Tami [Fordham.Tami@epa.gov]; Stern, Allyn [Stern.Allyn@epa.gov]

**CC:** Detwiler, Susan K. [detwiler.susan@epa.gov]; Chu, Rebecca [Chu.Rebecca@epa.gov]

**Location:** R10Sea-Room-14WallaWalla/R10-Rooms-Service-Center

**Start:** 12/4/2018 5:00:00 PM

**End:** 12/4/2018 6:00:00 PM

**Recurrence:** (none)

### Agenda

NEPA preliminary EIS comments

Briefing

FOIA

Information Quality Act Request for Correction or Withdrawal

404c rulemaking

→ Join by Phone

**Conference Line/Code / Ex. 6**

→ Meeting Organizer

Erik Peterson, USEPA (206) 553-6382 office

## Appointment

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**To:** Fordham, Tami [Fordham.Tami@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]; Douglas, Mark [douglas.mark@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Stern, Allyn [Stern.Allyn@epa.gov]; Peterson, Erik [Peterson.Erik@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]; Douglas, Mark [douglas.mark@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Fordham, Tami [Fordham.Tami@epa.gov]; Stern, Allyn [Stern.Allyn@epa.gov]

**CC:** Detwiler, Susan K. [detwiler.susan@epa.gov]; Chu, Rebecca [Chu.Rebecca@epa.gov]; Detwiler, Susan K. [detwiler.susan@epa.gov]; Chu, Rebecca [Chu.Rebecca@epa.gov]

**Subject:** Canceled: Bristol Bay Check-in

**Location:** R10Sea-Room-14Elwha/R10-Rooms-Service-Center

**Start:** 9/25/2018 4:00:00 PM

**End:** 9/25/2018 5:00:00 PM

**Show Time As:** Free

**Recurrence:** (none)

### → Join by Phone

Conference Line/Code / Ex. 6

### → Meeting Organizer

Erik Peterson, USEPA (206) 553-6382 office



## Appointment

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**To:** Fordham, Tami [Fordham.Tami@epa.gov]; Peterson, Erik [Peterson.Erik@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]; Douglas, Mark [douglas.mark@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Stern, Allyn [Stern.Allyn@epa.gov]; Fordham, Tami [Fordham.Tami@epa.gov]

**CC:** Detwiler, Susan K. [detwiler.susan@epa.gov]; Chu, Rebecca [Chu.Rebecca@epa.gov]

**Location:** R10Sea-Room-14Elwha/R10-Rooms-Service-Center

**Start:** 11/20/2018 5:00:00 PM

**End:** 11/20/2018 6:00:00 PM

**Recurrence:** (none)

### Agenda

#### **Permit Oversight/ NEPA Review Team**

Preliminary EIS review

#### **404(c) Team**

NEPA/404c coordination

Competitive Enterprise Institute Information Quality Act Request for Correction or Withdrawal Regarding Bristol Bay Watershed Assessment

#### **FOIA**

- E&E News (011614)
- McKeever FOIA Lawsuit
- Trustees for Alaska 2 (0135)
- HQ FOIA Role

#### **Congressional correspondence**

- Western Caucus (Gosar et al) – Forsgren signed final sent 9/16/18
- Lamar Smith – nearly identical Forsgren signed final sent 10/18/18
- DeFazio and Carper – in process

June 2018 memo on 404c regulation revisions

#### **External meeting**

- 11/14/18 Forsgren, PLP and other BB stakeholders

### **→ Join by Phone**

**Conference Line/Code / Ex. 6**

## → Meeting Organizer

Erik Peterson, USEPA (206) 553-6382 office

## Appointment

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**To:** Peterson, Erik [Peterson.Erik@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]; Douglas, Mark [douglas.mark@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Fordham, Tami [Fordham.Tami@epa.gov]; Stern, Allyn [Stern.Allyn@epa.gov]

**CC:** Chu, Rebecca [Chu.Rebecca@epa.gov]; Thiesing, Mary [Thiesing.Mary@epa.gov]; Detwiler, Susan K. [detwiler.susan@epa.gov]; Thiesing, Mary [Thiesing.Mary@epa.gov]

**Location:** R10Sea-Room-14Elwha/R10-Rooms-Service-Center

**Start:** 12/18/2018 5:00:00 PM

**End:** 12/18/2018 6:00:00 PM

**Recurrence:** (none)

Proposed Agenda – let Erik know if you have suggestions

### **Permit Oversight/ NEPA Review Team**

NEPA Preliminary EIS Comments

Public Notice

PLP's draft Compensatory Mitigation Plan

### **404(c) Team**

Hladick and Forsgren 12/12 Briefing

Bristol Bay NEPA and 404 Leadership Update for January 2019

CMS Pebble Limited Partnership

FOIA

Request for Correction or Withdrawal

## **→ Join by Phone**

**Conference Line/Code / Ex. 6**

## **→ Meeting Organizer**

Erik Peterson, USEPA (206) 553-6382 office

## Appointment

---

**From:** Vaughan, Molly [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=89EEE45FCEA246B78BBB46014FE7B12-VAUGHAN, MOLLY]  
**Sent:** 6/6/2018 11:53:17 PM  
**To:** Vaughan, Molly [Vaughan.Molly@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Thiesing, Mary [Thiesing.Mary@epa.gov]; Douglas, Mark [douglas.mark@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]  
**BCC:** R10AOO-ConfLnMM-907-271-2895/AOO-Meet-Me-Ln/R10-AOO-Eqpt [R10AOO-ConfLineMM-907-271-2895@epa.gov]  
**Subject:** Pebble wetlands coordination conversation  
**Location:** Conference Line/Code / Ex. 6 AOO-Meet-Me-Ln/R10-AOO-Eqpt  
**Start:** 6/12/2018 7:00:00 PM  
**End:** 6/12/2018 7:30:00 PM  
**Show Time As:** Busy

Conference Line/Code / Ex. 6

## Appointment

---

**From:** R10-OERA Calendar [R10-OERA\_Calendar@epa.gov]  
**Sent:** 5/16/2018 5:11:26 PM  
**To:** R10-OERA Calendar [R10-OERA\_Calendar@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Szerlog, Michael [Szerlog.Michael@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]; LaCroix, Matthew [LaCroix.Matthew@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Peterson, Erik [Peterson.Erik@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Fordham, Tami [Fordham.Tami@epa.gov]; Combes, Marcia [Combes.Marcia@epa.gov]; Mendelman, Krista [Mendelman.Krista@epa.gov]; Stern, Allyn [Stern.Allyn@epa.gov]  
**CC:** Douglas, Mark [douglas.mark@epa.gov]; Detwiler, Susan K. [detwiler.susan@epa.gov]  
**Subject:** Bristol Bay Check-in  
**Attachments:** Untitled Attachment; Untitled Attachment  
**Location:** R10Sea-Room-14Elwha/R10-Rooms-Service-Center; 

<b>Conference Line/Code / Ex. 6</b>
-------------------------------------

  
**Start:** 6/20/2018 4:00:00 PM  
**End:** 6/20/2018 5:00:00 PM  
**Show Time As:** Busy  
  
**Recurrence:** Weekly  
every 2 week(s) on Wednesday from 9:00 AM to 10:00 AM

## Appointment

---

**To:** Mendelman, Krista [Mendelman.Krista@epa.gov]; Fordham, Tami [Fordham.Tami@epa.gov]; R10-OERA Calendar [R10-OERA\_Calendar@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Szerlog, Michael [Szerlog.Michael@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]; LaCroix, Matthew [LaCroix.Matthew@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Peterson, Erik [Peterson.Erik@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Combes, Marcia [Combes.Marcia@epa.gov]; Stern, Allyn [Stern.Allyn@epa.gov]; Fordham, Tami [Fordham.Tami@epa.gov]; Mendelman, Krista [Mendelman.Krista@epa.gov]

**CC:** Douglas, Mark [douglas.mark@epa.gov]; Detwiler, Susan K. [detwiler.susan@epa.gov]; Douglas, Mark [douglas.mark@epa.gov]

**Location:** R10Sea-Room-14Elwha/R10-Rooms-Service-Center;

**Conference Line/Code / Ex. 6**

**Start:** 7/3/2018 4:00:00 PM

**End:** 7/3/2018 5:00:00 PM

**Show Time As:** Busy

**Recurrence:** (none)

## Appointment

---

**To:** Mendelman, Krista [Mendelman.Krista@epa.gov]; R10-OERA Calendar [R10-OERA\_Calendar@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Szerlog, Michael [Szerlog.Michael@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]; LaCroix, Matthew [LaCroix.Matthew@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Peterson, Erik [Peterson.Erik@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Fordham, Tami [Fordham.Tami@epa.gov]; Combes, Marcia [Combes.Marcia@epa.gov]; Stern, Allyn [Stern.Allyn@epa.gov]; Mendelman, Krista [Mendelman.Krista@epa.gov]

**CC:** Douglas, Mark [douglas.mark@epa.gov]

**Location:** R10Sea-Room-14Elwha/R10-Rooms-Service-Center;

**Conference Line/Code / Ex. 6**

**Start:** 7/3/2018 4:00:00 PM

**End:** 7/3/2018 5:00:00 PM

**Show Time As:** Busy

**Recurrence:** (none)

Message

---

**From:** Douglas, Mark [douglas.mark@epa.gov]  
**Sent:** 8/13/2018 11:27:33 PM  
**To:** Douglas, Mark [douglas.mark@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]  
**Subject:** Conversation with Douglas, Mark

Douglas, Mark 3:22 PM:

any news from Pebble re the alternatives info for next week's meeting?

Vaughan, Molly 3:25 PM:

No new news. If I am correctly understanding the last schedule provided by Shane (which I may not be), we will be receiving it tomorrow.

Douglas, Mark 3:26 PM:

ah, ok

Douglas, Mark 3:26 PM:

thanks



Message

---

**From:** Vaughan, Molly [vaughan.molly@epa.gov]  
**Sent:** 10/30/2018 6:21:51 PM  
**To:** Nogi, Jill [nogi.jill@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]  
**Subject:** Conversation with Nogi, Jill

Vaughan, Molly 10:20 AM:

Hi Jill - sorry I missed your call, and now I believe you are in a meeting. I will plan to call at noon your time, or feel free to call me if you are available before that.

Vaughan, Molly 10:21 AM:

Regarding Pebble, I apologize that I am still working on the comments, but will send them to you shortly.

Message

---

**Sent:** 11/27/2018 6:31:45 PM  
**To:** Palomaki, Ashley [Palomaki.Ashley@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]  
**Subject:** internal review schedule for Pebble comments

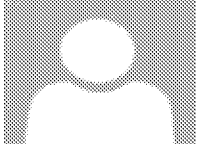
~~~~~  
Molly Vaughan  
U.S. Environmental Protection Agency Region 10  
Alaska Operations Office  
222 W. 7<sup>th</sup> Avenue #19  
Anchorage, AK 99513-7588

907-271-1215  
[vaughan.molly@epa.gov](mailto:vaughan.molly@epa.gov)  
~~~~~

Message

---

**From:** Hough, Palmer [no-reply@sharepointonline.com]  
**Sent:** 11/20/2018 8:24:02 PM  
**To:** Vaughan, Molly [Vaughan.Molly@epa.gov]  
**Subject:** Hough, Palmer wants to share 'Pebble Project Permitting Oversight and NEPA Review Team' with Ebersole, Joe



I want to share Pebble Project Permitting Oversight and NEPA Review Team with Ebersole, Joe

Accept or Decline this request

Requested resource: [https://usepa.sharepoint.com/sites/R10\\_Work/pebble\\_project\\_po\\_nr\\_team](https://usepa.sharepoint.com/sites/R10_Work/pebble_project_po_nr_team)

Message

---

**From:** Peterson, Erik [Peterson.Erik@epa.gov]  
**Sent:** 10/1/2018 8:18:39 PM  
**To:** Palomaki, Ashley [Palomaki.Ashley@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]  
**CC:** Vaughan, Molly [Vaughan.Molly@epa.gov]  
**Subject:** RE: Bristol Bay Check-in - Propose moving to every other Wednesday at 9:30 am

Ok, thank you all for responding, I really appreciate it. Based on a key conflict, I am going to propose now that we keep it at 9 am on Tuesdays.



**Erik Peterson**, NEPA Reviewer  
U.S. EPA, Region 10  
1200 Sixth Avenue, Suite 155  
Seattle, Washington 98101-3140  
(206) 553-6382

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**From:** Palomaki, Ashley  
**Sent:** Monday, October 01, 2018 12:53 PM  
**To:** Peterson, Erik <Peterson.Erik@epa.gov>; McGrath, Patricia <mcgrath.patricia@epa.gov>  
**Cc:** Vaughan, Molly <Vaughan.Molly@epa.gov>  
**Subject:** RE: Bristol Bay Check-in - Propose moving to every other Wednesday at 9:30 am

That's fine with me. Thanks, Erik.

**Ashley Palomaki**  
Assistant Regional Counsel  
U.S. EPA Region 10 Office of Regional Counsel  
1200 Sixth Avenue, Suite 155, ORC-113  
Seattle, WA 98101  
206-553-8582

---

**From:** Peterson, Erik  
**Sent:** Monday, October 01, 2018 12:49 PM  
**To:** McGrath, Patricia <mcgrath.patricia@epa.gov>  
**Cc:** Palomaki, Ashley <Palomaki.Ashley@epa.gov>; Vaughan, Molly <Vaughan.Molly@epa.gov>  
**Subject:** RE: Bristol Bay Check-in - Propose moving to every other Wednesday at 9:30 am

Patty,

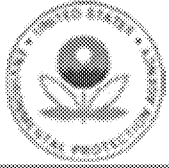
Thank you. There would be conflicts with the second Wednesday starting on February 13<sup>th</sup>. So, I'll keep it to 9 am to avoid that problem.

Otherwise sounds like Wednesdays are ok for you.

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**Erik Peterson**, NEPA Reviewer  
U.S. EPA, Region 10  
1200 Sixth Avenue, Suite 155  
Seattle, Washington 98101-3140  
(206) 553-6382

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**From:** McGrath, Patricia  
**Sent:** Monday, October 01, 2018 12:36 PM  
**To:** Peterson, Erik <[Peterson.Erik@epa.gov](mailto:Peterson.Erik@epa.gov)>  
**Cc:** Palomaki, Ashley <[Palomaki.Ashley@epa.gov](mailto:Palomaki.Ashley@epa.gov)>; Vaughan, Molly <[Vaughan.Molly@epa.gov](mailto:Vaughan.Molly@epa.gov)>  
**Subject:** RE: Bristol Bay Check-in - Propose moving to every other Wednesday at 9:30 am

I have a National Mine Team call that starts at 10 on the second Wednesday of every month. I would rather not conflict with that call, but if there are conflicts, I could find someone to sub for me on the call every now and then.

---

**From:** Peterson, Erik  
**Sent:** Monday, October 1, 2018 12:28 PM  
**To:** McGrath, Patricia <[mcgrath.patricia@epa.gov](mailto:mcgrath.patricia@epa.gov)>  
**Cc:** Palomaki, Ashley <[Palomaki.Ashley@epa.gov](mailto:Palomaki.Ashley@epa.gov)>; Vaughan, Molly <[Vaughan.Molly@epa.gov](mailto:Vaughan.Molly@epa.gov)>  
**Subject:** Bristol Bay Check-in - Propose moving to every other Wednesday at 9:30 am

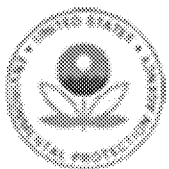
Patty, Molly and Ashley,

I would like to move the BB check-in with David Allnutt from every other Tuesday at 9:00 am to every other Wednesday at 9:30 am starting November 7<sup>th</sup>.

Would this be ok with you all?

Wednesday mornings seem better to me because both the teams can have Monday and Tuesdays to figure out what is most important for David, and it will be recent and relevant for that week. 9:30 am is better for me also.

The 404(c) team meets on Tuesdays. In general, we have been meeting once a month given our relatively lower current workload.



**Erik Peterson**, NEPA Reviewer  
U.S. EPA, Region 10  
1200 Sixth Avenue, Suite 155  
Seattle, Washington 98101-3140  
(206) 553-6382

---

Message

---

**From:** Vaughan, Molly [no-reply@sharepointonline.com]  
**Sent:** 11/20/2018 8:29:56 PM  
**To:** Ebersole, Joe [Ebersole.Joe@epa.gov]  
**CC:** Vaughan, Molly [Vaughan.Molly@epa.gov]  
**Subject:** Vaughan, Molly is inviting you to collaborate on Pebble Project Permitting Oversight and NEPA Review Team

Hi Joe - per Palmer's email, you should now have access to our SharePoint site. Please let me know if you have any trouble locating documents you need on the site.

--Molly

## Go to Pebble Project Permitting Oversight and NEPA Review Team

Follow this site to get updates in your newsfeed.



Get the SharePoint mobile app!



Message

---

**From:** Barton, Justine [Barton.Justine@epa.gov]  
**Sent:** 10/24/2018 6:21:04 PM  
**To:** Vaughan, Molly [Vaughan.Molly@epa.gov]  
**CC:** McGrath, Patricia [mcgrath.patricia@epa.gov]  
**Subject:** RE: Hot Topics for ERSMU this week

Thanks very much for your work on this Molly and Patty...much appreciated! Yesterday Jill said that she has submitted -- I will confirm that at the manager's meeting this afternoon. Have a good day! JB ☺

.....  
Justine Barton | Ecologist | U.S. Environmental Protection Agency  
Sediment Management Unit | 1200 6<sup>th</sup> Avenue, Suite 155 | Seattle, WA 98101 | 206.553.6051 |  
barton.justine@epa.gov

---

**From:** Vaughan, Molly  
**Sent:** Tuesday, October 23, 2018 11:19 AM  
**To:** McGrath, Patricia <mcgrath.patricia@epa.gov>; Barton, Justine <Barton.Justine@epa.gov>  
**Cc:** Nogi, Jill <nogi.jill@epa.gov>  
**Subject:** RE: Hot Topics for ERSMU this week

Thank you, Patty.  
Justine, please use this edited version:

# Deliberative Process / Ex. 5

---

**From:** McGrath, Patricia  
**Sent:** Tuesday, October 23, 2018 9:47 AM  
**To:** Vaughan, Molly <Vaughan.Molly@epa.gov>; Barton, Justine <Barton.Justine@epa.gov>  
**Cc:** Nogi, Jill <nogi.jill@epa.gov>  
**Subject:** RE: Hot Topics for ERSMU this week

Please consider the recommended edits.

**Deliberative Process / Ex. 5**

**Deliberative Process / Ex. 5**

# Deliberative Process / Ex. 5

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**From:** Vaughan, Molly  
**Sent:** Tuesday, October 23, 2018 10:37 AM  
**To:** Barton, Justine <[Barton.Justine@epa.gov](mailto:Barton.Justine@epa.gov)>  
**Cc:** Nogi, Jill <[nogi.jill@epa.gov](mailto:nogi.jill@epa.gov)>; McGrath, Patricia <[mcgrath.patricia@epa.gov](mailto:mcgrath.patricia@epa.gov)>  
**Subject:** RE: Hot Topics for ERSMU this week

Hi Justine and Jill,  
Here is my write-up:

# Deliberative Process / Ex. 5

Thanks,  
Molly

---

**From:** Barton, Justine  
**Sent:** Monday, October 22, 2018 11:15 AM  
**To:** Vaughan, Molly <[Vaughan.Molly@epa.gov](mailto:Vaughan.Molly@epa.gov)>  
**Cc:** Nogi, Jill <[nogi.jill@epa.gov](mailto:nogi.jill@epa.gov)>  
**Subject:** FW: Hot Topics for ERSMU this week

Hi Molly – I'm acting for Jill today & Wednesday. At today's Hot Topics meeting, Dave asked for a brief paragraph for the Weekly re. #4 below (Pebble Prelim DEIS). Could you get me some sentences before noon on Wednesday that I can forward on to Dave and Linda? Thanks Molly! ☺ JB p.s. FYI -- #1 and #4 are the only ones he asked for... JB

.....  
Justine Barton | Ecologist | U.S. Environmental Protection Agency  
Sediment Management Unit | 1200 6<sup>th</sup> Avenue, Suite 155 | Seattle, WA 98101 | 206.553.6051 |  
[barton.justine@epa.gov](mailto:barton.justine@epa.gov)

---

**From:** Nogi, Jill  
**Sent:** Monday, October 22, 2018 7:55 AM  
**To:** Barton, Justine <[Barton.Justine@epa.gov](mailto:Barton.Justine@epa.gov)>; Allnutt, David <[Allnutt.David@epa.gov](mailto:Allnutt.David@epa.gov)>  
**Cc:** Anderson-Carnahan, Linda <[Anderson-Carnahan.Linda@epa.gov](mailto:Anderson-Carnahan.Linda@epa.gov)>  
**Subject:** Hot Topics for ERSMU this week

Justine – If you can attend the Hot Topics meeting at 11:30 today in the Elwha Room for ERSMU, that would be very helpful. If not, please help me find someone who could attend.  
Topics to mention for David to determine what to share with the ET later today (and if David asks for write up in the Weekly, please ask staff for a paragraph that you can review/email to David and Linda on Wednesday before noon.  
David and Linda make any final edits before they can upload the information to the R10 Weekly Sharepoint Site):

**Non-Responsive: Unrelated to Bristol Bay/Pebble Mine**



**Non-Responsive: Unrelated to Bristol Bay/Pebble Mine**

## **Deliberative Process / Ex. 5**

**Non-Responsive: Unrelated to Bristol Bay/Pebble Mine**

Thanks  
Jill

Message

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**From:** Ebersole, Joe [Ebersole.Joe@epa.gov]  
**Sent:** 11/20/2018 10:19:55 PM  
**To:** Vaughan, Molly [Vaughan.Molly@epa.gov]  
**Subject:** RE: Sharing request for 'Pebble Project Permitting Oversight and NEPA Review Team' sent to owner

Got it! Thank you Molly

---

Joseph L. Ebersole, PhD | 1.541.754.4775 | [ebersole.joe@epa.gov](mailto:ebersole.joe@epa.gov) | [EPA staff profile](#)  
US Environmental Protection Agency | 200 SW 35th St, Corvallis, OR 97333

---

**From:** Vaughan, Molly  
**Sent:** Tuesday, November 20, 2018 12:32 PM  
**To:** Hough, Palmer <Hough.Palmer@epa.gov>; McGrath, Patricia <mcgrath.patricia@epa.gov>  
**Cc:** Ebersole, Joe <Ebersole.Joe@epa.gov>; Schofield, Kate <Schofield.Kate@epa.gov>  
**Subject:** RE: Sharing request for 'Pebble Project Permitting Oversight and NEPA Review Team' sent to owner

Okay, Joe should have just received a SharePoint message giving him access!  
--Molly

---

**From:** Hough, Palmer  
**Sent:** Tuesday, November 20, 2018 11:26 AM  
**To:** Vaughan, Molly <Vaughan.Molly@epa.gov>; McGrath, Patricia <mcgrath.patricia@epa.gov>  
**Cc:** Ebersole, Joe <Ebersole.Joe@epa.gov>; Schofield, Kate <Schofield.Kate@epa.gov>  
**Subject:** FW: Sharing request for 'Pebble Project Permitting Oversight and NEPA Review Team' sent to owner

Molly/Patty

If you have not already, can you give Joe Ebersole access to the Pebble EIS sharepoint site?

Thanks, palmer

**From:** no-reply@sharepointonline.com <no-reply@sharepointonline.com>  
**Sent:** Tuesday, November 20, 2018 3:24 PM  
**To:** Hough, Palmer <Hough.Palmer@epa.gov>  
**Subject:** Sharing request for 'Pebble Project Permitting Oversight and NEPA Review Team' sent to owner

We've asked the owner to share Pebble Project Permitting Oversight and NEPA Review Team with:

Ebersole, Joe

After the owner approves the request, recipients will receive a confirmation email.

Message

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**Sent:** 11/19/2018 8:44:29 PM  
**To:** McGrath, Patricia [mcgrath.patricia@epa.gov]  
**Subject:** FW: Pebble Draft Ch 2 comments for review

Hi Patty – here is Mark’s response. If you would like to see any additional changes to this comment, please let me know.

---

**From:** Douglas, Mark  
**Sent:** Monday, November 19, 2018 11:13 AM  
**To:** Vaughan, Molly <Vaughan.Molly@epa.gov>  
**Subject:** RE: Pebble Draft Ch 2 comments for review

Molly,

## Deliberative Process / Ex. 5

Thanks as always,

Mark Douglas  
Aquatic Resources Unit  
Office of Environmental Review & Assessment

U.S. Environmental Protection Agency  
Alaska Operations Office  
222 W. 7th Avenue, Box 19  
Anchorage, AK 99513-7588  
Phone (907) 271-1217

---

**From:** Vaughan, Molly  
**Sent:** Monday, November 19, 2018 10:35 AM  
**To:** Douglas, Mark <douglas.mark@epa.gov>  
**Subject:** FW: Pebble Draft Ch 2 comments for review

Hi Mark – please take a look at Ashley’s edits to the first comment in the table, also described in her email below, and let me know how you would like to finalize the comment.

Thanks,  
Molly

---

**From:** Palomaki, Ashley  
**Sent:** Monday, November 19, 2018 8:01 AM  
**To:** McGrath, Patricia <mcgrath.patricia@epa.gov>; Vaughan, Molly <Vaughan.Molly@epa.gov>  
**Subject:** RE: Pebble Draft Ch 2 comments for review

Hi Molly –

Thanks for the opportunity to review. My comments are attached. I have a problem in that I always fix nits if I see them ☺ but you should take it or leave it. I also flagged a couple places for you where you should edit the sentence b/c it isn’t clear.

# Attorney Client Privilege/Deliberative Process Privilege / Ex. 5

Ashley

**Ashley Palomaki**

Assistant Regional Counsel

U.S. EPA Region 10 Office of Regional Counsel

1200 Sixth Avenue, Suite 155, ORC-113

Seattle, WA 98101

206-553-8582

---

**From:** McGrath, Patricia

**Sent:** Friday, November 16, 2018 9:25 AM

**To:** Vaughan, Molly <[Vaughan.Molly@epa.gov](mailto:Vaughan.Molly@epa.gov)>; Palomaki, Ashley <[Palomaki.Ashley@epa.gov](mailto:Palomaki.Ashley@epa.gov)>

**Subject:** RE: Pebble Draft Ch 2 comments for review

Hi Molly and Ashely –

**Deliberative Process / Ex. 5**

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**From:** Vaughan, Molly  
**Sent:** Thursday, November 15, 2018 3:52 PM  
**To:** Palomaki, Ashley <[Palomaki.Ashley@epa.gov](mailto:Palomaki.Ashley@epa.gov)>  
**Cc:** McGrath, Patricia <[mcgrath.patricia@epa.gov](mailto:mcgrath.patricia@epa.gov)>  
**Subject:** Pebble Draft Ch 2 comments for review

Hi Ashley,

I am so sorry for the delay in getting these comments to you for review. If you will no longer be able to complete your review Friday, please let me know. I also apologize that some of the comments (particularly the last couple pages) are still a bit rough. So, please don't feel that you have to edit grammar, punctuation, etc., as I will do another read-through for that before sending this to Jill.

Patty – I've copied you here as well, so you can decide if you would prefer to do your final review of the compiled comments now, or at the same time as Jill's review.

Thank you very much in advance for your review!

--Molly

~~~~~  
Molly Vaughan  
U.S. Environmental Protection Agency Region 10  
Alaska Operations Office  
222 W. 7<sup>th</sup> Avenue #19  
Anchorage, AK 99513-7588

907-271-1215  
[vaughan.molly@epa.gov](mailto:vaughan.molly@epa.gov)  
~~~~~

Message

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**From:** Palomaki, Ashley [Palomaki.Ashley@epa.gov]  
**Sent:** 10/4/2018 10:25:02 PM  
**To:** Peterson, Erik [Peterson.Erik@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]  
**Subject:** RE: Draft 10/9/18 Bristol Bay Check-in Agenda

Hi Erik – I don't have anything to add re FOIA. Thanks.

**Ashley Palomaki**

Assistant Regional Counsel  
U.S. EPA Region 10 Office of Regional Counsel  
1200 Sixth Avenue, Suite 155, ORC-113  
Seattle, WA 98101  
206-553-8582

---

**From:** Peterson, Erik  
**Sent:** Thursday, October 04, 2018 2:26 PM  
**To:** McGrath, Patricia <mcgrath.patricia@epa.gov>; Palomaki, Ashley <Palomaki.Ashley@epa.gov>; Vaughan, Molly <Vaughan.Molly@epa.gov>  
**Subject:** Draft 10/9/18 Bristol Bay Check-in Agenda

Patty, Ashley and Molly,

Please give feedback on the following draft agenda by 1pm 10/5/18. Thank you!

Patty and Molly, the text below (except the Bolen briefing question) is from the 9/7 update we provided David in-lieu of meeting with him on 9/11.

**Draft Agenda**

Permit Oversight/ NEPA Review Team

Timing a Brittany Bolen briefing?

Scoping Document

- EPA reviewed and commented on the draft scoping document that describes the significant issues raised in scoping. The final scoping document is available on the Corp's Pebble EIS website.

Preliminary EIS review

- EPA reviewed and commented on specific portions of chapter 3 (affected environment) and chapter 4 (environmental consequences) that pertain to our areas of special expertise as identified by the Corps which includes: aesthetics, surface water hydrology, groundwater hydrology, water and sediment quality, wetlands, vegetation
- The documents have many placeholders since there have been changes to the proposed action, alternatives have yet to be developed, and there are numerous substantial requests for additional information where the Corps is awaiting response from PLP.
- It is not clear whether we will be provided with another opportunity to review these chapters before the draft EIS. The Corps has indicated that there will be technical meetings in October/November to discuss comments and the impact assessment.

## Alternatives

- The Corps is developing the range of alternatives to be analyzed in the EIS. We participated in a cooperating agency meeting and provided input. During the week of Sept 10, the Corps is to submit a detailed discussion of the alternatives selected for EIS review and rationale for those dismissed.

## Site Visits

- July 9 – 11: CWA 404 field verification was completed by Mark Douglas
- July 31: Site visit with some of our NEPA team (Patty, Molly, Tim, Chris) to view the mine site, proposed Lake Iliamna port sites, and portions of the proposed roads.

## Schedule

- The Corps Pebble EIS website identifies a draft EIS in January 2019 and a final EIS in late 2019.

## 404(c) Team

## FOIA

- E&E News – new request for unredacted copies
- McKeever FOIA Lawsuit – next steps
- NRDC and CNN – working with the AOs office
- Trustees for Alaska – options for Justin Schwab review
- Trustees for Alaska 2 – new FOIA
- Back-up?

## Congressional responses

- Western Caucus (Gosar et al) – newly OW-approved, not issued
- DeFazio and Carper – just revised, based on newly OW-approved, not issued Western Caucus response
- Lamar Smith – just drafted, based on newly OW-approved, not issued Western Caucus response

## External Correspondence

- Recent activity and approach



**Erik Peterson**, NEPA Reviewer  
U.S. EPA, Region 10  
1200 Sixth Avenue, Suite 155  
Seattle, Washington 98101-3140  
(206) 553-6382

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## Appointment

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**From:** Vaughan, Molly [/o=ExchangeLabs/ou=Exchange Administrative Group  
(FYDIBOHF23SPDLT)/cn=Recipients/cn=89eee45fcea246b78bbbb46014fe7b12-Vaughan, Molly]  
**Sent:** 9/26/2018 7:26:12 PM  
**Subject:** Hold for Pebble Alts meeting  
**Start:** 10/24/2018 5:00:00 PM  
**End:** 10/24/2018 8:00:00 PM  
**Show Time As:** Tentative



Message

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**From:** Wake, Neverley [wake.neverley@epa.gov]  
**Sent:** 11/2/2018 11:28:57 PM  
**To:** Vaughan, Molly [Vaughan.Molly@epa.gov]  
**CC:** McGrath, Patricia [mcgrath.patricia@epa.gov]  
**Subject:** RE: FYI - Pebble Needs and Welfare of the People and Socioeconomics Sections

Thanks, Molly.

Have a great weekend,  
Neverley  
(907) 271-3206

-----Original Message-----

From: Vaughan, Molly  
Sent: Friday, November 02, 2018 1:21 PM  
To: Wake, Neverley <wake.neverley@epa.gov>  
Cc: McGrath, Patricia <mcgrath.patricia@epa.gov>  
Subject: FYI - Pebble Needs and Welfare of the People and Socioeconomics Sections

Hi Neverley,  
The Corps has distributed the preliminary draft affected environment and environmental consequences sections for "Needs and Welfare of the People-Socioeconomics." As you can see from the email below, this has not been assigned to EPA for review. However, if you are interested in taking a look, I have put it on the Sharepoint site.  
Regards,  
Molly

-----Original Message-----

From: POA Special Projects <poaspecialprojects@usace.army.mil>  
Sent: Friday, November 02, 2018 9:17 AM  
To: bob1@jadenorth.com; Brooke Merrell <brooke\_merrell@nps.gov>; Curyung Tribal <courtenay@curyungtribe.com>; Daugherty, Linda (PHMSA) <linda.daugherty@dot.gov>; David Seris (David.M.Seris@uscg.mil) <David.M.Seris@uscg.mil>; Douglass Cooper <douglass\_cooper@fws.gov>; Hassell, David (PHMSA) <david.hassell@dot.gov>; J. Loichinger <jloichinger@achp.gov>; Joan Kluwe <j Joan\_kluwe@nps.gov>; John Eddins <jeddings@achp.gov>; Kevin Pendegast <kevin.pendergast@bsee.gov>; 'mary\_colligan@fws.gov' <mary\_colligan@fws.gov>; McCafferty, Katherine A CIV USARMY CEPOA (US) <Katherine.A.McCafferty2@usace.army.mil>; McCall, John <john.mccall@bsee.gov>; McGrath, Patricia <mcgrath.patricia@epa.gov>; Vaughan, Molly <Vaughan.Molly@epa.gov>; Moselle, Kyle W (DNR) <kyle.moselle@alaska.gov>; manager@lakeandpen.com; POA Special Projects <poaspecialprojects@usace.army.mil>; nondaltontribe@yahoo.com; Wesley Furlong <wfurlong@narf.org>  
Cc: Craig, Bill <bill.m.craig@aecom.com>; POA Special Projects <poaspecialprojects@usace.army.mil>  
Subject: please provide comments by 11/30 from the requested CAS (UNCLASSIFIED)

CLASSIFICATION: UNCLASSIFIED

Attached are 4 Word files and 3 PDF files, the review drafts and associated figures of:

Sec3.3/4.3-Needs and Welfare of the People-Socioeconomics (CAS listed as Curyung Tribal Council, Lake and Peninsula Borough, Nondalton Tribal Council, State of Alaska) .There are no figures associated with these two sections.

Sec3.12/4.12-Transportation and Navigation (CAS listed as USACE, USCG, State of Alaska). Section 3.12 has three figures, attached as PDFs.

A four-week review period for CAS gives a return date to AECOM of 11/30/2018.

VR

Shane McCoy  
Program Manager  
(907) 753-2715

CLASSIFICATION: UNCLASSIFIED

Message

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**From:** Butler, Barbara [no-reply@sharepointonline.com]  
**Sent:** 11/2/2018 7:26:44 PM  
**To:** Vaughan, Molly [Vaughan.Molly@epa.gov]  
**Subject:** Butler, Barbara wants to access 'Pebble Project Permitting Oversight and NEPA Review Team'

I'd like access, please.

Accept or Decline this request

**Internal Website/ Ex. 6**

Message

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**From:** Barton, Justine [Barton.Justine@epa.gov]  
**Sent:** 11/27/2018 10:40:13 PM  
**To:** Vaughan, Molly [Vaughan.Molly@epa.gov]  
**Subject:** RE: Pebble Mine - Justine Barton Comments

OK, sounds good Molly. If, while you are compiling things, you have any need to discuss my comments, please give me a call. Good luck with all your upcoming work on this. You are doing a great job...much appreciated!!! JB ☺

.....

Justine Barton | Ecologist | U.S. Environmental Protection Agency  
Sediment Management Unit | 1200 6<sup>th</sup> Avenue, Suite 155 | Seattle, WA 98101 | 206.553.6051 |  
barton.justine@epa.gov

---

**From:** Vaughan, Molly  
**Sent:** Tuesday, November 27, 2018 10:26 AM  
**To:** Barton, Justine <Barton.Justine@epa.gov>  
**Subject:** RE: Pebble Mine - Justine Barton Comments

Hi Justine,  
Thank you so much for reviewing and for these comments. I was specifically hoping you would focus on impacts at the potential port sites, so that is perfect (and I apologize for not reaching out at the beginning of the review period with more specific direction, everything has just been so rushed on this review!). Your comments seem very appropriate and helpful. I have not had time to read the sections myself to see if I have any additional questions for you, but will follow up with you if I do.  
Thank you,  
Molly

---

**From:** Barton, Justine  
**Sent:** Monday, November 26, 2018 3:13 PM  
**To:** Vaughan, Molly <Vaughan.Molly@epa.gov>  
**Cc:** Nogi, Jill <nogi.jill@epa.gov>  
**Subject:** Pebble Mine - Justine Barton Comments

Hi Molly – My expertise is in the Port facility and dredging and dredged material disposal realm, so my comments are skewed toward those sections of the chapters provided. Since my review area is pretty narrow, I have just a few comments at this point. Could you take a look and see if these are helpful? Please let me know what else I might include that would be of assistance to you in the topic areas I mentioned above. JB

.....

Justine Barton | Ecologist | U.S. Environmental Protection Agency  
Sediment Management Unit | 1200 6<sup>th</sup> Avenue, Suite 155 | Seattle, WA 98101 | 206.553.6051 |  
barton.justine@epa.gov

---

**From:** Vaughan, Molly  
**Sent:** Wednesday, November 21, 2018 12:34 PM  
**To:** McGrath, Patricia <mcmgrath.patricia@epa.gov>; Wake, Neverley <wake.neverley@epa.gov>; Godsey, Cindi <Godsey.Cindi@epa.gov>; Pepple, Karl <Pepple.Karl@epa.gov>; McAlpine, Jerrold <McAlpine.Jay@epa.gov>; Palomaki, Ashley <Palomaki.Ashley@epa.gov>; Hough, Palmer <Hough.Palmer@epa.gov>; Maley, Timothy <maley.timothy@epa.gov>; Eckley, Chris <Eckley.Chris@epa.gov>; Butler, Barbara <Butler.Barbara@epa.gov>; Douglas,

Mark <douglas.mark@epa.gov>; Schofield, Kate <Schofield.Kate@epa.gov>; Thiesing, Mary <Thiesing.Mary@epa.gov>;  
Muche, Muluken <muche.muluken@epa.gov>; Barton, Justine <Barton.Justine@epa.gov>

Cc: Peterson, Erik <Peterson.Erik@epa.gov>

Subject: RE: Please Review - Pebble Pre-DEIS Sections

Hello All,

We just received word from the Corps that they are extending the deadline for cooperating agency comments on these sections. For all of the sections below, I would now appreciate if you can complete your review and send me any comments you have by COB Monday Dec. 10.

Thank you and Happy Thanksgiving!

--Molly

---

From: Vaughan, Molly

Sent: Tuesday, November 13, 2018 10:56 AM

To: McGrath, Patricia <m McGrath.patricia@epa.gov>; Wake, Neverley <wake.neverley@epa.gov>; Godsey, Cindi <Godsey.Cindi@epa.gov>; Pepple, Karl <Pepple.Karl@epa.gov>; McAlpine, Jerrold <McAlpine.Jay@epa.gov>; Palomaki, Ashley <Palomaki.Ashley@epa.gov>; Hough, Palmer <Hough.Palmer@epa.gov>; Maley, Timothy <maley.timothy@epa.gov>; Eckley, Chris <Eckley.Chris@epa.gov>; Butler, Barbara <Butler.Barbara@epa.gov>; Douglas, Mark <douglas.mark@epa.gov>; Schofield, Kate <Schofield.Kate@epa.gov>; Thiesing, Mary <Thiesing.Mary@epa.gov>; Muche, Muluken <muche.muluken@epa.gov>; Barton, Justine <Barton.Justine@epa.gov>

Cc: Peterson, Erik <Peterson.Erik@epa.gov>

Subject: Please Review - Pebble Pre-DEIS Sections

Importance: High

Hello Pebble NEPA Team,

We have received several additional sections of the preliminary Draft EIS for review. We have also received many sections as an FYI for which our review is not requested. I have loaded everything I've received to date into the Sharepoint Folder: [Preliminary Draft EIS Sections Oct-Nov 2018](#).

As a reminder, our input at this stage is only requested on the specific sections we were assigned to in the Cooperating Agency plan. Therefore, if your name doesn't appear below with a specific assignment, no review is necessary at this time. However, feel free to take a look at the sections pertaining to your subject matter on the Sharepoint Site if you wish.

Here are the assignments for specific sections where I would appreciate your review. Note that each subject area includes a section for Chapter 3 (affected environment), Chapter 4 (environmental consequences), as well as one or two supporting technical appendices. Please use the attached comment spreadsheet to assemble your comments, and please send them to me by the date noted for each section below.

- 3.11/4.11/K4.11 Aesthetics – Molly
- 3.14/4.14/K3.14 Soils – Mark/Palmer – due COB 11/27
- 3.16/4.16/K3.16 Surface Water Hydrology – Tim/Mark/Palmer/Muluken/Justine – due COB 11/27
- 3.26/4.26/K3.26 Vegetation – Mark/Palmer – due COB 11/27
- 3.17/4.17/K3.17 Hydrogeology – Tim/Mark/Palmer/Muluken – due COB 11/29
- 3.18/4.18/K3.18/K4.18 Water and Sediment Quality – Cindi/Tim/Chris – due COB 11/29
- (note, we have not yet received the Wetlands sections, which are anticipated to arrive approximately 11/21)

I apologize for the short time available for review, especially given the Thanksgiving holiday in the middle. If this schedule will be impossible for you, please let me know as soon as possible. Also, if you have any questions about the sections you are reviewing or where to focus your review, please don't hesitate to call.

Thank you,  
Molly

~~~~~

Molly Vaughan  
U.S. Environmental Protection Agency Region 10  
Alaska Operations Office  
222 W. 7<sup>th</sup> Avenue #19  
Anchorage, AK 99513-7588

907-271-1215  
[vaughan.molly@epa.gov](mailto:vaughan.molly@epa.gov)

~~~~~

Message

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**From:** McGrath, Patricia [mcgrath.patricia@epa.gov]  
**Sent:** 9/26/2018 5:38:18 PM  
**To:** Vaughan, Molly [Vaughan.Molly@epa.gov]  
**Subject:** pebble team meeting

Hi Molly –

I am thinking of an agenda for the team meeting tomorrow.

Please let me know if you have anything to add to the topics below. Also, please give me a quick call if you have time today or tomorrow morning regarding the alternatives review.

- Litigation hold
- NEPA documents
  - o Alternatives
- Schedule for upcoming document reviews

Thanks-Patty

**Patty McGrath | Mining Advisor**

U.S. Environmental Protection Agency, Region 10

1200 Sixth Avenue, Seattle, WA 98101

M/S: RAD-202

Office: (206) 553-6113

Cell: (206) 743-7068

[mcgrath.patricia@epa.gov](mailto:mcgrath.patricia@epa.gov)

Message

---

**From:** McGrath, Patricia [mcgrath.patricia@epa.gov]  
**Sent:** 11/20/2018 11:21:26 PM  
**To:** Godsey, Cindi [Godsey.Cindi@epa.gov]  
**CC:** Vaughan, Molly [Vaughan.Molly@epa.gov]  
**Subject:** FW: Feedback post Patty's VM  
**Attachments:** Comment spreadsheet\_Chapter 4\_BAB.docx; Comment spreadsheet\_Chapter 5\_BAB.docx

Hi Cindi-  
As discussed, here are Barb's comments.  
Patty

---

**From:** Butler, Barbara  
**Sent:** Tuesday, November 20, 2018 1:00 PM  
**To:** Vaughan, Molly <Vaughan.Molly@epa.gov>; McGrath, Patricia <mcgrath.patricia@epa.gov>  
**Subject:** RE: Feedback post Patty's VM

Hi Molly and Patty,

**Deliberative Process / Ex. 5**

Please let me know if you have any questions, or if there is anything that you would like me to look at with a different focus.

Have a Happy and Safe Thanksgiving break!  
Barb

---

**From:** Butler, Barbara  
**Sent:** Thursday, November 15, 2018 9:01 AM  
**To:** Vaughan, Molly <Vaughan.Molly@epa.gov>; McGrath, Patricia <mcgrath.patricia@epa.gov>  
**Subject:** Feedback post Patty's VM

Hi Molly and Patty,

I'll volunteer to be one of the reviewers for Chapter 5 for parts not covering recommendations for compensatory mitigation, if that's captured at this stage (that's outside my area of experience).

**Deliberative Process / Ex. 5**

**Deliberative Process / Ex. 5**

## Deliberative Process / Ex. 5

Cheers,  
Barb

---

Barbara A. Butler, Ph.D.  
Research Environmental Engineer

USEPA ORD-NRMRL-LMMD-RTEB  
26 W. Martin Luther King Dr, MS-483  
Cincinnati, OH 45268  
Phone: 513-569-7468  
Office Location: AWBERC 493B



Message

---

**From:** McGrath, Patricia [mcgrath.patricia@epa.gov]  
**Sent:** 10/22/2018 5:08:31 PM  
**To:** Vaughan, Molly [Vaughan.Molly@epa.gov]  
**Subject:** FW: 10\_10\_2018\_PLP\_Revised\_Project\_Description (UNCLASSIFIED)  
**Attachments:** 10\_10\_2018\_Project\_description\_Update.pdf

Molly-  
Were you able to open this document?  
I could not get it to open.  
Patty

-----Original Message-----

From: POA Special Projects [mailto:poaspecialprojects@usace.army.mil]  
Sent: Friday, October 19, 2018 3:08 PM  
To: bob1@jadenorth.com; Brooke Merrell <brooke\_merrell@nps.gov>; Curyung Tribal <courtenay@curyungtribe.com>; Daugherty, Linda (PHMSA) <linda.daugherty@dot.gov>; David Seris (David.M.Seris@uscg.mil) <David.M.Seris@uscg.mil>; Douglass Cooper <douglass\_cooper@fws.gov>; Hassell, David (PHMSA) <david.hassell@dot.gov>; J. Loichinger <jloichinger@achp.gov>; Joan Kluwe <joan\_kluwe@nps.gov>; John Eddins <jeddins@achp.gov>; Kevin Pendegast <kevin.pendergast@bsee.gov>; 'mary\_colligan@fws.gov' <mary\_colligan@fws.gov>; McCafferty, Katherine A CIV USARMY CEPOA (US) <Katherine.A.McCafferty2@usace.army.mil>; McCall, John <john.mccall@bsee.gov>; McGrath, Patricia <mcgrath.patricia@epa.gov>; Vaughan, Molly <Vaughan.Molly@epa.gov>; Moselle, Kyle W (DNR) <kyle.moselle@alaska.gov>; manager@lakeandpen.com; POA Special Projects <poaspecialprojects@usace.army.mil>; nondaltontribe@yahoo.com; Wesley Furlong <wfurlong@narf.org>  
Cc: POA Special Projects <poaspecialprojects@usace.army.mil>; Craig, Bill <bill.m.craig@aecom.com>  
Subject: 10\_10\_2018\_PLP\_Revised\_Project\_Description (UNCLASSIFIED)

CLASSIFICATION: UNCLASSIFIED

All,  
Attached is the updated Project Description produced by the applicant associated with the May 11, 2018 Memo.

VR

Shane McCoy  
Program Manager  
(907) 753-2715

CLASSIFICATION: UNCLASSIFIED

Message

---

**From:** Maley, Timothy [maley.timothy@epa.gov]  
**Sent:** 6/28/2018 7:54:21 PM  
**To:** Vaughan, Molly [Vaughan.Molly@epa.gov]  
**Subject:** RE: CANCELLED: Pebble permit oversight/NEPA team

ok

*Tim Maley, PG*  
EPA-R10/OERA  
O: 206-553-1210

---

**From:** Vaughan, Molly  
**Sent:** Thursday, June 28, 2018 12:53 PM  
**To:** McGrath, Patricia <mcgrath.patricia@epa.gov>; LaCroix, Matthew <LaCroix.Matthew@epa.gov>; Meade, Christopher <Meade.Chris@epa.gov>; Godsey, Cindi <Godsey.Cindi@epa.gov>; Pepple, Karl <Pepple.Karl@epa.gov>; McAlpine, Jerrold <McAlpine.Jay@epa.gov>; Palomaki, Ashley <Palomaki.Ashley@epa.gov>; Wake, Neverley <wake.neverley@epa.gov>; Hough, Palmer <Hough.Palmer@epa.gov>; Maley, Timothy <maley.timothy@epa.gov>; Eckley, Chris <Eckley.Chris@epa.gov>  
**Cc:** Douglas, Mark <douglas.mark@epa.gov>; Schofield, Kate <Schofield.Kate@epa.gov>; Thiesing, Mary <Thiesing.Mary@epa.gov>  
**Subject:** CANCELLED: Pebble permit oversight/NEPA team

Hi Team – Sorry for the short notice, but we are cancelling today’s team meeting. We are in the midst of scrambling to finish the scoping letter, due tomorrow, and Patty and I are not available. We will meet next month as scheduled.

Regarding the Chapter 3 Sections – Thank you very much to everyone who provided comments so far. I am working on compiling them, and we will send to the Corps next week. If you are on the reviewer list for the delayed Sections 3.16 and 3.26 that we finally received, please send your comments to me no later than July 20, but sooner would be much appreciated.

Thank you,  
Molly

-----Original Appointment-----

**From:** McGrath, Patricia  
**Sent:** Thursday, February 15, 2018 9:55 AM  
**To:** McGrath, Patricia; Vaughan, Molly; LaCroix, Matthew; Meade, Christopher; Godsey, Cindi; Pepple, Karl; McAlpine, Jerrold; Palomaki, Ashley; Wake, Neverley; Hough, Palmer; Maley, Timothy; Eckley, Chris  
**Cc:** Douglas, Mark; Schofield, Kate; Thiesing, Mary  
**Subject:** Pebble permit oversight/NEPA team  
**When:** Thursday, June 28, 2018 1:00 PM-2:00 PM (UTC-08:00) Pacific Time (US & Canada).  
**Where:** R10Sea-Room-14Elwha/R10-Rooms-Service-Center

**Conference Line/Code / Ex. 6**

Monthly Pebble permit oversight/NEPA team meeting  
Agenda to be sent out before each meeting

Message

---

**From:** Muche, Muluken [Muche.Muluken@epa.gov]  
**Sent:** 6/22/2018 7:04:37 PM  
**To:** Vaughan, Molly [Vaughan.Molly@epa.gov]  
**Subject:** RE: REVIEW REQUEST and additional documents loaded to Sharepoint

Hello Molly,

I have read the Groundwater Hydrology section (3.17) and the following is my overall review.

**Deliberative Process / Ex. 5**

Please let me know if you have any question.

Thanks and have a great weekend!

Muluken

PS: I will review the Surface Water Hydrology section whenever it is available.

---

**Muluken Muche** | Research Hydrologist, Post-Doc  
USEPA/ORD-NERL-CED-Watershed Exposure Branch  
960 College Station Road, Athens, GA-30605  
Phone: 706-355-8321

---

---

**From:** Vaughan, Molly  
**Sent:** Thursday, June 07, 2018 3:13 PM  
**To:** McGrath, Patricia <mcgrath.patricia@epa.gov>; Godsey, Cindi <Godsey.Cindi@epa.gov>; Pepple, Karl <Pepple.Karl@epa.gov>; McAlpine, Jerrold <McAlpine.Jay@epa.gov>; Palomaki, Ashley <Palomaki.Ashley@epa.gov>; Wake, Neverley <wake.neverley@epa.gov>; Hough, Palmer <Hough.Palmer@epa.gov>; Schofield, Kate

<Schofield.Kate@epa.gov>; Maley, Timothy <maley.timothy@epa.gov>; Eckley, Chris <Eckley.Chris@epa.gov>; Barton, Justine <Barton.Justine@epa.gov>; Douglas, Mark <douglas.mark@epa.gov>; Muche, Muluken <Muche.Muluken@epa.gov>

**Subject:** REVIEW REQUEST and additional documents loaded to Sharepoint

Hello Team,

The Corps distributed some additional information to cooperating agencies related to yesterday's Cooperating Agency meeting here in Anchorage, and I have added these materials to the Sharepoint site, in the "Materials for 6-6-18 Cooperating Agency Meeting" folder. Most of the information is for awareness only, but our review has been requested on two items:

- 1) the Preliminary Scoping Report

2)

**Internal Website / Ex. 6**

Your review is being requested on specific materials (listed below), but feel free to also review the remainder of the materials if you wish.

- Preliminary Scoping Report: **Molly/Patty** – comments due to Molly **June 20**  
This document addresses scoping comments received to date, but will be updated following the close of the public scoping period.
- Pre-Draft Chapter 3 Sections – comments due to Molly **June 25** (specific section assignments below)  
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**Internal Website / Ex. 6**

If there is a RFI/response that addresses your concern, then please note that in your comment. If not, then please include in your comment: (1) the information gap, (2) a reference where additional information can be found, and (3) what from that reference should be added, with as much specificity as possible – suggested text would be helpful.

Please identify the sub-section and page number for each of your comments.

Here are specific assignments for the review request. Most sections include a word document as well as some associated figures in pdf form.

- 3.1 Intro – **Molly**
- 3.5 Recreation – **Mark/Palmer/Molly**
- 3.11 Aesthetics – **Mark/Palmer/Molly**
- 3.14 Soils – **Mark/Palmer**
- 3.16 Surface Water Hydrology (note, we received figures but not text, and are following up) – **Tim/Mark/Palmer/Muluken**
- 3.17 Groundwater Hydrology – **Tim/Mark/Palmer/Muluken**

- 3.18 Water and Sediment Quality – **Cindi/Tim/Chris**
- 3.22 Wetlands/ Special Aquatic Sites – **Mark/Palmer**
- 3.26 Vegetation (note, we received figures but not text, and are following up) – **Mark/Palmer**

Please let me know if you have any questions. Thank you for your assistance with this review.

Regards,  
Molly

~~~~~  
Molly Vaughan  
U.S. Environmental Protection Agency Region 10  
Alaska Operations Office  
222 W. 7<sup>th</sup> Avenue #19  
Anchorage, AK 99513-7588

907-271-1215  
[vaughan.molly@epa.gov](mailto:vaughan.molly@epa.gov)  
~~~~~

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**From:** Vaughan, Molly  
**Sent:** Thursday, May 24, 2018 2:47 PM  
**To:** McGrath, Patricia <[mcgrath.patricia@epa.gov](mailto:mcgrath.patricia@epa.gov)>; Meade, Christopher <[Meade.Chris@epa.gov](mailto:Meade.Chris@epa.gov)>; Godsey, Cindi <[Godsey.Cindi@epa.gov](mailto:Godsey.Cindi@epa.gov)>; Pepple, Karl <[Pepple.Karl@epa.gov](mailto:Pepple.Karl@epa.gov)>; McAlpine, Jerrold <[McAlpine.Jay@epa.gov](mailto:McAlpine.Jay@epa.gov)>; Palomaki, Ashley <[Palomaki.Ashley@epa.gov](mailto:Palomaki.Ashley@epa.gov)>; Wake, Neverley <[wake.neverley@epa.gov](mailto:wake.neverley@epa.gov)>; Hough, Palmer <[Hough.Palmer@epa.gov](mailto:Hough.Palmer@epa.gov)>; Schofield, Kate <[Schofield.Kate@epa.gov](mailto:Schofield.Kate@epa.gov)>; Maley, Timothy <[maley.timothy@epa.gov](mailto:maley.timothy@epa.gov)>; Eckley, Chris <[Eckley.Chris@epa.gov](mailto:Eckley.Chris@epa.gov)>; Barton, Justine <[Barton.Justine@epa.gov](mailto:Barton.Justine@epa.gov)>; Douglas, Mark <[douglas.mark@epa.gov](mailto:douglas.mark@epa.gov)>  
**Subject:** RE: Pebble NEPA/permitting team - documents for awareness review

Hi All,  
All of the materials received from the Corps to date are now on the Sharepoint site, in a folder labeled "Materials for 6-6-18 Cooperating Agency Meeting," for your perusal if interested.

## Internal Website / Ex. 6

Regards,  
Molly

---

**From:** McGrath, Patricia  
**Sent:** Friday, May 18, 2018 11:29 AM  
**To:** Vaughan, Molly <[Vaughan.Molly@epa.gov](mailto:Vaughan.Molly@epa.gov)>; LaCroix, Matthew <[LaCroix.Matthew@epa.gov](mailto:LaCroix.Matthew@epa.gov)>; Meade, Christopher <[Meade.Chris@epa.gov](mailto:Meade.Chris@epa.gov)>; Godsey, Cindi <[Godsey.Cindi@epa.gov](mailto:Godsey.Cindi@epa.gov)>; Pepple, Karl <[Pepple.Karl@epa.gov](mailto:Pepple.Karl@epa.gov)>; McAlpine, Jerrold <[McAlpine.Jay@epa.gov](mailto:McAlpine.Jay@epa.gov)>; Palomaki, Ashley <[Palomaki.Ashley@epa.gov](mailto:Palomaki.Ashley@epa.gov)>; Wake, Neverley <[wake.neverley@epa.gov](mailto:wake.neverley@epa.gov)>; Hough, Palmer <[Hough.Palmer@epa.gov](mailto:Hough.Palmer@epa.gov)>; Schofield, Kate <[Schofield.Kate@epa.gov](mailto:Schofield.Kate@epa.gov)>; Maley, Timothy <[maley.timothy@epa.gov](mailto:maley.timothy@epa.gov)>; Eckley, Chris <[Eckley.Chris@epa.gov](mailto:Eckley.Chris@epa.gov)>; Barton, Justine <[Barton.Justine@epa.gov](mailto:Barton.Justine@epa.gov)>; Douglas, Mark <[douglas.mark@epa.gov](mailto:douglas.mark@epa.gov)>  
**Subject:** Pebble NEPA/permitting team - documents for awareness review

Pebble NEPA/permitting team –

The Corps has started sending us, and other cooperating agencies, information generated by PLP and the third-party EIS contractor (AECOM). This information includes AECOM's requests (to PLP) for additional information (RFAs) and PLP's responses. The Corps has begun adding these RFAs to the public EIS website. Molly and I will add this information to our SharePoint site as well.

The Corps has submitted this information to us and requested an awareness review, but is not requesting written comments.

For now, I want to bring your attention to two documents, attached:

1 – PLP Updates to the Proposed Project - PLP has made some updates to the project description. Please review this document so that you are aware of the changes.

### **Deliberative Process / Ex. 5**

### **Deliberative Process / Ex. 5**

2 – PLP Technical Note on Project Options and Screening Criteria – This document summarizes screening criteria and options used by PLP to develop its current project description. I expect the Corps will consider this information during alternatives development. Please review this document for awareness.

We will discuss these documents during our next team meeting on May 24, and I can provide more context. In the meantime, please let me know if you have questions.

Thanks-  
Patty

#### **Patty McGrath | Mining Advisor**

U.S. Environmental Protection Agency, Region 10

1200 Sixth Avenue, Seattle, WA 98101

M/S: RAD-202

Office: (206) 553-6113

Cell: (206) 743-7068

[mcgrath.patricia@epa.gov](mailto:mcgrath.patricia@epa.gov)

Message

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**From:** McGrath, Patricia [mcgrath.patricia@epa.gov]  
**Sent:** 10/24/2018 12:18:44 AM  
**To:** Vaughan, Molly [Vaughan.Molly@epa.gov]  
**Subject:** dry stack comments  
**Attachments:** Comments on Dry Stack memo\_BAB&PM.docx

Hi Molly-

Attached are combined comments from Barb and I. I talked to Barb about these earlier and she was fine with editing and combining.

Can you look at this quickly and send to the Corps and AECOM (Bill Craig)?

Thanks-

Patty

**Patty McGrath | Mining Advisor**

U.S. Environmental Protection Agency, Region 10

1200 Sixth Avenue, Seattle, WA 98101

M/S: RAD-202

Office: (206) 553-6113

Cell: (206) 743-7068

[mcgrath.patricia@epa.gov](mailto:mcgrath.patricia@epa.gov)

Message

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**From:** Wake, Neverley [wake.neverley@epa.gov]  
**Sent:** 10/23/2018 10:36:44 PM  
**To:** Vaughan, Molly [Vaughan.Molly@epa.gov]  
**Subject:** RE: Pebble - draft section on TEK for review

Thanks, Molly.

I'll take a look, and ask for Tami's input as well.

Neverley  
(907) 271-3206

-----Original Message-----

From: Vaughan, Molly  
Sent: Tuesday, October 23, 2018 2:35 PM  
To: Wake, Neverley <wake.neverley@epa.gov>  
Subject: Pebble - draft section on TEK for review

Hi Neverley,

We have received a few additional draft sections of the Pebble EIS for review. One of these is a description of the Corps approach to TEK in the EIS. I have not had a chance to review, but didn't want to delay any longer in sending this to you. I am not sure if there is anything in here we would want to comment on, but at a minimum I thought you might want to see if for informational purposes. Please review if you have time, and let me know if you have any comments. Due to the short timeframe provided for review, I would need your comments, if you have any, by COB this Friday (the 26th).

If you have any questions on how this document fits in with the overall EIS, or anything else, please let me know.

Thanks,  
Molly



Message

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**From:** Barnhart, Megan [barnhart.megan@epa.gov]  
**Sent:** 6/27/2018 3:31:23 PM  
**To:** Vaughan, Molly [Vaughan.Molly@epa.gov]  
**Subject:** FW: Pebble letter  
**Attachments:** EDIT DF edits to Pebble Project Scoping 060518 draft\_pm.docx

---

**From:** Knight, Kelly  
**Sent:** Wednesday, June 27, 2018 11:18 AM  
**To:** Barnhart, Megan <barnhart.megan@epa.gov>  
**Subject:** FW: Pebble letter

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**From:** Nalven, Heidi  
**Sent:** Wednesday, June 27, 2018 10:08 AM  
**To:** Marshall, Tom <marshall.tom@epa.gov>; Knight, Kelly <knight.kelly@epa.gov>  
**Cc:** Hoppe, Allison <hoppe.allison@epa.gov>; Tomiak, Robert <tomiak.robert@epa.gov>; Wehling, Carrie <Wehling.Carrie@epa.gov>  
**Subject:** RE: Pebble letter

Attached is a version with edits from OGC political management and with responses from attorneys from CCILO and WLO. We are still waiting for feedback on the responses and final OGC political management edits.

**Heidi Nalven**  
U.S. EPA Office of General Counsel  
202-564-3189

---

**From:** Marshall, Tom  
**Sent:** Wednesday, June 27, 2018 9:03 AM  
**To:** Knight, Kelly <knight.kelly@epa.gov>  
**Cc:** Hoppe, Allison <hoppe.allison@epa.gov>; Tomiak, Robert <tomiak.robert@epa.gov>; Nalven, Heidi <Nalven.Heidi@epa.gov>; Wehling, Carrie <Wehling.Carrie@epa.gov>  
**Subject:** Re: Pebble letter

Great. Thx.

Sent from my iPhone

On Jun 27, 2018, at 9:02 AM, Knight, Kelly <knight.kelly@epa.gov> wrote:

11:00?

---

**From:** Marshall, Tom  
**Sent:** Wednesday, June 27, 2018 8:55 AM  
**To:** Knight, Kelly <knight.kelly@epa.gov>  
**Cc:** Hoppe, Allison <hoppe.allison@epa.gov>; Tomiak, Robert <tomiak.robert@epa.gov>; Nalven, Heidi

<Nalven.Heidi@epa.gov>; Wehling, Carrie <Wehling.Carrie@epa.gov>

**Subject:** Re: Pebble letter

Any flexibility on the timing here, so we can coordinate internally? Thanks.

Sent from my iPhone

On Jun 27, 2018, at 7:09 AM, Knight, Kelly <knight.kelly@epa.gov> wrote:

Good Morning –

Rob needs OGC's comments to share with Drew by 9am. Is that possible?

Thanks

Kelly Knight  
Director, NEPA Compliance Division  
Environmental Protection Agency  
202-564-2141 (office)  
202-594-6391 (cell)

Message

---

**From:** Thiesing, Mary [Thiesing.Mary@epa.gov]  
**Sent:** 6/12/2018 7:49:46 PM  
**To:** Vaughan, Molly [Vaughan.Molly@epa.gov]  
**Subject:** RE: REVIEW REQUEST and additional documents loaded to Sharepoint

Molly, thanks for this. Much appreciated.

---

**From:** Vaughan, Molly  
**Sent:** Tuesday, June 12, 2018 12:28 PM  
**To:** Thiesing, Mary <Thiesing.Mary@epa.gov>  
**Subject:** FW: REVIEW REQUEST and additional documents loaded to Sharepoint

Hi Maryanne,

Here is the email from last week distributing the materials for review. I will make sure you have access to the Sharepoint site as well (I can't remember if you do).

Thanks,  
Molly

---

**From:** Vaughan, Molly  
**Sent:** Thursday, June 07, 2018 11:13 AM  
**To:** McGrath, Patricia <mcgrath.patricia@epa.gov>; Godsey, Cindi <Godsey.Cindi@epa.gov>; Pepple, Karl <Pepple.Karl@epa.gov>; McAlpine, Jerrold <McAlpine.Jay@epa.gov>; Palomaki, Ashley <Palomaki.Ashley@epa.gov>; Wake, Neverley <wake.neverley@epa.gov>; Hough, Palmer <Hough.Palmer@epa.gov>; Schofield, Kate <Schofield.Kate@epa.gov>; Maley, Timothy <maley.timothy@epa.gov>; Eckley, Chris <Eckley.Chris@epa.gov>; Barton, Justine <Barton.Justine@epa.gov>; Douglas, Mark <douglas.mark@epa.gov>; Muche, Muluken <muche.muluken@epa.gov>  
**Subject:** REVIEW REQUEST and additional documents loaded to Sharepoint

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### Internal Website / Ex. 6

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- 3.26 Vegetation (note, we received figures but not text, and are following up) – **Mark/Palmer**

Please let me know if you have any questions. Thank you for your assistance with this review.

Regards,

Molly

~~~~~  
Molly Vaughan  
U.S. Environmental Protection Agency Region 10  
Alaska Operations Office  
222 W. 7<sup>th</sup> Avenue #19  
Anchorage, AK 99513-7588

907-271-1215  
[vaughan.molly@epa.gov](mailto:vaughan.molly@epa.gov)  
~~~~~

---

**From:** Vaughan, Molly

**Sent:** Thursday, May 24, 2018 2:47 PM

**To:** McGrath, Patricia <[mcgrath.patricia@epa.gov](mailto:mcgrath.patricia@epa.gov)>; Meade, Christopher <[Meade.Chris@epa.gov](mailto:Meade.Chris@epa.gov)>; Godsey, Cindi <[Godsey.Cindi@epa.gov](mailto:Godsey.Cindi@epa.gov)>; Pepple, Karl <[Pepple.Karl@epa.gov](mailto:Pepple.Karl@epa.gov)>; McAlpine, Jerrold <[McAlpine.Jay@epa.gov](mailto:McAlpine.Jay@epa.gov)>; Palomaki, Ashley <[Palomaki.Ashley@epa.gov](mailto:Palomaki.Ashley@epa.gov)>; Wake, Neverley <[wake.neverley@epa.gov](mailto:wake.neverley@epa.gov)>; Hough, Palmer <[Hough.Palmer@epa.gov](mailto:Hough.Palmer@epa.gov)>; Schofield, Kate <[Schofield.Kate@epa.gov](mailto:Schofield.Kate@epa.gov)>; Maley, Timothy <[maley.timothy@epa.gov](mailto:maley.timothy@epa.gov)>;

Eckley, Chris <[Eckley.Chris@epa.gov](mailto:Eckley.Chris@epa.gov)>; Barton, Justine <[Barton.Justine@epa.gov](mailto:Barton.Justine@epa.gov)>; Douglas, Mark <[douglas.mark@epa.gov](mailto:douglas.mark@epa.gov)>

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## Internal Website / Ex. 6

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---

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For now, I want to bring your attention to two documents, attached:

1 – PLP Updates to the Proposed Project - PLP has made some updates to the project description. Please review this document so that you are aware of the changes.

## Deliberative Process / Ex. 5

## Deliberative Process / Ex. 5

2 – PLP Technical Note on Project Options and Screening Criteria – This document summarizes screening criteria and options used by PLP to develop its current project description. I expect the Corps will consider this information during alternatives development. Please review this document for awareness.

We will discuss these documents during our next team meeting on May 24, and I can provide more context. In the meantime, please let me know if you have questions.

Thanks-  
Patty

**Patty McGrath | Mining Advisor**

U.S. Environmental Protection Agency, Region 10

1200 Sixth Avenue, Seattle, WA 98101

M/S: RAD-202

Office: (206) 553-6113

Cell: (206) 743-7068

[mcgrath.patricia@epa.gov](mailto:mcgrath.patricia@epa.gov)

Message

---

**From:** Vaughan, Molly [no-reply@sharepointonline.com]  
**Sent:** 6/12/2018 7:29:41 PM  
**To:** Thiesing, Mary [Thiesing.Mary@epa.gov]  
**CC:** Vaughan, Molly [Vaughan.Molly@epa.gov]  
**Subject:** Vaughan, Molly has invited you to 'Pebble Project Permitting Oversight and NEPA Review Team'

Here's the site that Vaughan, Molly shared with you.

## Go to Pebble Project Permitting Oversight and NEPA Review Team

Follow this site to get updates in your newsfeed.



Get the SharePoint mobile app!



Message

---

**From:** Pepple, Karl [Pepple.Karl@epa.gov]  
**Sent:** 6/11/2018 5:45:00 PM  
**To:** Vaughan, Molly [Vaughan.Molly@epa.gov]  
**CC:** McAlpine, Jerrold [McAlpine.Jay@epa.gov]  
**Subject:** RE: REVIEW REQUEST and additional documents loaded to Sharepoint

Molly,

The links work today, even using Microsoft IE. I must have just timed it perfectly on previous attempts to coincide with outages.

Thank you!

KP

---

**From:** Vaughan, Molly  
**Sent:** Monday, June 11, 2018 9:58 AM  
**To:** Pepple, Karl <Pepple.Karl@epa.gov>  
**Cc:** McAlpine, Jerrold <McAlpine.Jay@epa.gov>  
**Subject:** RE: REVIEW REQUEST and additional documents loaded to Sharepoint

Hi Karl,

Thanks for checking in. Yes, there is no air quality material for review, and, unless something changes, I don't expect there to be until the DEIS is published. The Corps has been very specific in assigning cooperating agency "special expertise" roles, and ours for this project is limited to the 404(b)(1) guidelines. Which means they do not plan to share any preliminary draft materials with us for any sections of the document not directly tied to wetlands permitting.

But, that is very strange that you weren't able to follow the links. I just checked and they did work for me. I also verified that both of you are members on the Sharepoint site. I have noticed there have been a lot of outages and issues with Sharepoint lately, so maybe it was just down when you were trying? If you specifically want to see any of the documents and are still unable to access Sharepoint, let me know and I'll email it to you.

Thanks,  
Molly

---

**From:** Pepple, Karl  
**Sent:** Friday, June 08, 2018 9:12 AM  
**To:** Vaughan, Molly <Vaughan.Molly@epa.gov>  
**Cc:** McAlpine, Jerrold <McAlpine.Jay@epa.gov>  
**Subject:** RE: REVIEW REQUEST and additional documents loaded to Sharepoint

Good morning Molly,

I noticed that JD and I were not mentioned in your email. I tried going in to both of the links to verify that there was no air quality material to review, but I cannot access either document (in MS Explorer or using Chrome). Please let me know if I am missing something!

Thank you

KP



**From:** Vaughan, Molly

**Sent:** Thursday, June 07, 2018 12:13 PM

**To:** McGrath, Patricia <mcgrath.patricia@epa.gov>; Godsey, Cindi <Godsey.Cindi@epa.gov>; Pepple, Karl <Pepple.Karl@epa.gov>; McAlpine, Jerrold <McAlpine.Jay@epa.gov>; Palomaki, Ashley <Palomaki.Ashley@epa.gov>; Wake, Neverley <wake.neverley@epa.gov>; Hough, Palmer <Hough.Palmer@epa.gov>; Schofield, Kate <Schofield.Kate@epa.gov>; Maley, Timothy <maley.timothy@epa.gov>; Eckley, Chris <Eckley.Chris@epa.gov>; Barton, Justine <Barton.Justine@epa.gov>; Douglas, Mark <douglas.mark@epa.gov>; Muche, Muluken <Muche.Muluken@epa.gov>

**Subject:** REVIEW REQUEST and additional documents loaded to Sharepoint

Hello Team,

The Corps distributed some additional information to cooperating agencies related to yesterday's Cooperating Agency meeting here in Anchorage, and I have added these materials to the Sharepoint site, in the "Materials for 6-6-18 Cooperating Agency Meeting" folder. Most of the information is for awareness only, but our review has been requested on two items:

- 1) the Preliminary Scoping Report

**Internal Website / Ex. 6**

- 2) selected sections of Pre-Draft Chapter 3

**Internal Website / Ex. 6**

Your review is being requested on specific materials (listed below), but feel free to also review the remainder of the materials if you wish.

- Preliminary Scoping Report: **Molly/Patty** – comments due to Molly **June 20**  
This document addresses scoping comments received to date, but will be updated following the close of the public scoping period.
- Pre-Draft Chapter 3 Sections – comments due to Molly **June 25** (specific section assignments below)  
These documents are first drafts of each resource section Affected Environment, and will also be updated following the close of public scoping and based on cooperating agency input. It is not clear whether cooperators will have an opportunity to review a second iteration prior to publication of the Draft EIS, so a thorough review at this stage is critical.

The Corps has requested that our review focus on what is missing or any inaccuracies (don't worry about formatting, grammar, etc.). Where we identify something missing/innacurate, we are asked to be very specific in our recommendation. If you identify missing information in your review, first check the RFIs and Responses to Date

**Internal Website / Ex. 6**

If there is a RFI/response that addresses your concern, then please note that in your comment. If not, then please include in your comment: (1) the information gap, (2) a reference where additional information can be found, and (3) what from that reference should be added, with as much specificity as possible – suggested text would be helpful.

Please identify the sub-section and page number for each of your comments.

Here are specific assignments for the review request. Most sections include a word document as well as some associated figures in pdf form.

- 3.1 Intro – **Molly**
- 3.5 Recreation – **Mark/Palmer/Molly**

- 3.11 Aesthetics – **Mark/Palmer/Molly**
- 3.14 Soils – **Mark/Palmer**
- 3.16 Surface Water Hydrology (note, we received figures but not text, and are following up) – **Tim/Mark/Palmer/Muluken**
- 3.17 Groundwater Hydrology – **Tim/Mark/Palmer/Muluken**
- 3.18 Water and Sediment Quality – **Cindi/Tim/Chris**
- 3.22 Wetlands/ Special Aquatic Sites – **Mark/Palmer**
- 3.26 Vegetation (note, we received figures but not text, and are following up) – **Mark/Palmer**

Please let me know if you have any questions. Thank you for your assistance with this review.

Regards,

Molly

~~~~~  
Molly Vaughan  
U.S. Environmental Protection Agency Region 10  
Alaska Operations Office  
222 W. 7<sup>th</sup> Avenue #19  
Anchorage, AK 99513-7588

907-271-1215  
[vaughan.molly@epa.gov](mailto:vaughan.molly@epa.gov)  
~~~~~

**From:** Vaughan, Molly

**Sent:** Thursday, May 24, 2018 2:47 PM

**To:** McGrath, Patricia <[mcgrath.patricia@epa.gov](mailto:mcgrath.patricia@epa.gov)>; Meade, Christopher <[Meade.Chris@epa.gov](mailto:Meade.Chris@epa.gov)>; Godsey, Cindi <[Godsey.Cindi@epa.gov](mailto:Godsey.Cindi@epa.gov)>; Pepple, Karl <[Pepple.Karl@epa.gov](mailto:Pepple.Karl@epa.gov)>; McAlpine, Jerrold <[McAlpine.Jay@epa.gov](mailto:McAlpine.Jay@epa.gov)>; Palomaki, Ashley <[Palomaki.Ashley@epa.gov](mailto:Palomaki.Ashley@epa.gov)>; Wake, Neverley <[wake.neverley@epa.gov](mailto:wake.neverley@epa.gov)>; Hough, Palmer <[Hough.Palmer@epa.gov](mailto:Hough.Palmer@epa.gov)>; Schofield, Kate <[Schofield.Kate@epa.gov](mailto:Schofield.Kate@epa.gov)>; Maley, Timothy <[maley.timothy@epa.gov](mailto:maley.timothy@epa.gov)>; Eckley, Chris <[Eckley.Chris@epa.gov](mailto:Eckley.Chris@epa.gov)>; Barton, Justine <[Barton.Justine@epa.gov](mailto:Barton.Justine@epa.gov)>; Douglas, Mark <[douglas.mark@epa.gov](mailto:douglas.mark@epa.gov)>

**Subject:** RE: Pebble NEPA/permitting team - documents for awareness review

Hi All,

All of the materials received from the Corps to date are now on the Sharepoint site, in a folder labeled "Materials for 6-6-18 Cooperating Agency Meeting," for your perusal if interested.

**Internal Website / Ex. 6**

Regards,

Molly

**From:** McGrath, Patricia

**Sent:** Friday, May 18, 2018 11:29 AM

**To:** Vaughan, Molly <[Vaughan.Molly@epa.gov](mailto:Vaughan.Molly@epa.gov)>; LaCroix, Matthew <[LaCroix.Matthew@epa.gov](mailto:LaCroix.Matthew@epa.gov)>; Meade, Christopher <[Meade.Chris@epa.gov](mailto:Meade.Chris@epa.gov)>; Godsey, Cindi <[Godsey.Cindi@epa.gov](mailto:Godsey.Cindi@epa.gov)>; Pepple, Karl <[Pepple.Karl@epa.gov](mailto:Pepple.Karl@epa.gov)>; McAlpine, Jerrold <[McAlpine.Jay@epa.gov](mailto:McAlpine.Jay@epa.gov)>; Palomaki, Ashley <[Palomaki.Ashley@epa.gov](mailto:Palomaki.Ashley@epa.gov)>; Wake, Neverley <[wake.neverley@epa.gov](mailto:wake.neverley@epa.gov)>; Hough, Palmer <[Hough.Palmer@epa.gov](mailto:Hough.Palmer@epa.gov)>; Schofield, Kate <[Schofield.Kate@epa.gov](mailto:Schofield.Kate@epa.gov)>; Maley, Timothy <[maley.timothy@epa.gov](mailto:maley.timothy@epa.gov)>; Eckley, Chris <[Eckley.Chris@epa.gov](mailto:Eckley.Chris@epa.gov)>; Barton, Justine

<Barton.Justine@epa.gov>; Douglas, Mark <douglas.mark@epa.gov>

**Subject:** Pebble NEPA/permitting team - documents for awareness review

Pebble NEPA/permitting team –

The Corps has started sending us, and other cooperating agencies, information generated by PLP and the third-party EIS contractor (AECOM). This information includes AECOM's requests (to PLP) for additional information (RFAs) and PLP's responses. The Corps has begun adding these RFAs to the public EIS website. Molly and I will add this information to our SharePoint site as well.

The Corps has submitted this information to us and requested an awareness review, but is not requesting written comments.

For now, I want to bring your attention to two documents, attached:

1 – PLP Updates to the Proposed Project - PLP has made some updates to the project description. Please review this document so that you are aware of the changes.

### **Deliberative Process / Ex. 5**

### **Deliberative Process / Ex. 5**

2 – PLP Technical Note on Project Options and Screening Criteria – This document summarizes screening criteria and options used by PLP to develop its current project description. I expect the Corps will consider this information during alternatives development. Please review this document for awareness.

We will discuss these documents during our next team meeting on May 24, and I can provide more context. In the meantime, please let me know if you have questions.

Thanks-

Patty

**Patty McGrath | Mining Advisor**

U.S. Environmental Protection Agency, Region 10

1200 Sixth Avenue, Seattle, WA 98101

M/S: RAD-202

Office: (206) 553-6113

Cell: (206) 743-7068

[mcgrath.patricia@epa.gov](mailto:mcgrath.patricia@epa.gov)

Message

---

**From:** Muche, Muluken [Muche.Muluken@epa.gov]  
**Sent:** 6/7/2018 7:30:52 PM  
**To:** Vaughan, Molly [Vaughan.Molly@epa.gov]  
**Subject:** RE: Vaughan, Molly has invited you to 'Pebble Project Permitting Oversight and NEPA Review Team'

Hello Molly,

Thank you! I will update myself about the project and review the parts too.

Muluken

---

**Muluken Muche** | Research Hydrologist, Post-Doc  
USEPA/ORD-NERL-CED-Watershed Exposure Branch  
960 College Station Road, Athens, GA-30605  
Phone: 706-355-8321

---

**From:** Vaughan, Molly [mailto:no-reply@sharepointonline.com]  
**Sent:** Thursday, June 07, 2018 3:16 PM  
**To:** Muche, Muluken <Muche.Muluken@epa.gov>  
**Cc:** Vaughan, Molly <Vaughan.Molly@epa.gov>  
**Subject:** Vaughan, Molly has invited you to 'Pebble Project Permitting Oversight and NEPA Review Team'

Hello Muluken. Welcome to the Pebble Project Permitting Oversight and NEPA Review Team. Here is a link to the project sharepoint site, where we house background documents and documents received for review.

Thank you for your assistance with this project.

--Molly

## Go to Pebble Project Permitting Oversight and NEPA Review Team

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Message

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**From:** McGrath, Patricia [mcgrath.patricia@epa.gov]  
**Sent:** 6/7/2018 6:46:57 PM  
**To:** Vaughan, Molly [Vaughan.Molly@epa.gov]  
**Subject:** FW: Pebble EIS

---

**From:** Muche, Muluken  
**Sent:** Monday, June 4, 2018 12:05 PM  
**To:** McGrath, Patricia <mcgrath.patricia@epa.gov>  
**Cc:** Maley, Timothy <maley.timothy@epa.gov>  
**Subject:** RE: Pebble EIS

Thank you!

Muluken

---

**Muluken Muche** | Research Hydrologist, Post-Doc  
USEPA/ORD-NERL-CED-Watershed Exposure Branch  
960 College Station Road, Athens, GA-30605  
Phone: 706-355-8321

---

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**From:** McGrath, Patricia  
**Sent:** Monday, June 04, 2018 4:03 PM  
**To:** Muche, Muluken <Muche.Muluken@epa.gov>  
**Cc:** Maley, Timothy <maley.timothy@epa.gov>  
**Subject:** Pebble EIS

Hi Muluken –

Per our conversation, below are links to information that will assist with your understanding of the proposed Pebble project and some past work done by EPA.

Link to the US Army Corps of Engineers Pebble EIS website. The website describes EIS process. The Department of Army Permit Application, Attachment D, contains the current Project Description.

<https://pebbleprojecteis.com/documents/background>

Link to EPA's Bristol Bay website. See "Bristol Bay Assessment – Final Report (2014)" for information on some work that EPA did in evaluating potential mining impacts

<https://www.epa.gov/bristolbay>

Also, below is the contact information for Tim Maley (also cced). Tim will be contacting you further about the project and our needs.

Tim Maley (206) 553-1210  
[Maley.timothy@epa.gov](mailto:Maley.timothy@epa.gov)

Thanks –  
Patty

**Patty McGrath | Mining Advisor**

U.S. Environmental Protection Agency, Region 10

1200 Sixth Avenue, Seattle, WA 98101

M/S: RAD-202

Office: (206) 553-6113

Cell: (206) 743-7068

[mcgrath.patricia@epa.gov](mailto:mcgrath.patricia@epa.gov)

Message

---

**From:** McGrath, Patricia [mcgrath.patricia@epa.gov]  
**Sent:** 5/15/2018 8:45:53 PM  
**To:** Vaughan, Molly [Vaughan.Molly@epa.gov]  
**Subject:** FW: Pebble hand off

---

**From:** Allnutt, David  
**Sent:** Tuesday, May 15, 2018 1:12 PM  
**To:** McGrath, Patricia <mcgrath.patricia@epa.gov>; Peterson, Erik <Peterson.Erik@epa.gov>  
**Subject:** FW: Pebble hand off

FYI --



**R. David Allnutt**, Director  
Office of Environmental Review and Assessment  
U.S. EPA, Region 10  
1200 Sixth Avenue, Suite 155  
Seattle, Washington 98101-3140  
(206) 553-2581

---

---

**From:** Mendelman, Krista  
**Sent:** Tuesday, May 15, 2018 12:05 PM  
**To:** Allnutt, David <Allnutt.David@epa.gov>; Anderson-Carnahan, Linda <Anderson-Carnahan.Linda@epa.gov>  
**Cc:** Douglas, Mark <douglas.mark@epa.gov>; LaCroix, Matthew <LaCroix.Matthew@epa.gov>; Thiesing, Mary <Thiesing.Mary@epa.gov>; Szerlog, Michael <Szerlog.Michael@epa.gov>  
**Subject:** Pebble hand off

Hi David and Linda,

Mark Douglas has bravely stepped forward to be the lead on Pebble taking over for Matt. There will obviously be a transition between Matt and Mark with Mary Anne supporting Mark through a team approach. This is something that Michael S and I have discussed and Michael is supportive.

Krista

---

Krista Mendelman  
US EPA Region 10 MS:OWW-193  
1200 6<sup>th</sup> Ave. Suite 900  
Seattle WA 98101  
206-553-1571

Message

---

**From:** McGrath, Patricia [mcgrath.patricia@epa.gov]  
**Sent:** 7/25/2018 7:32:26 PM  
**To:** Maley, Timothy [maley.timothy@epa.gov]; Eckley, Chris [Eckley.Chris@epa.gov]; Vaughan, Molly [Vaughan.Molly@epa.gov]  
**Subject:** Pebble site visit & Corps/AECOM meeting logistics

Hi Tim, Chris, and Molly –

This email provides logistics for our site visit to Pebble and meeting with the Corps/AECOM next week.

July 30 - Chris, Tim, and I are flying to Anchorage in the morning. The Sheraton does not have an airport shuttle, so I recommend taking a cab to the hotel following arrival. We can check in or drop bags off at the hotel, have a quick lunch, and then head to the AECOM office.

(currently I arrive on a later flight – at 12:53 pm. If I can't change to the earlier flight then go ahead without me and I will meet you at AECOM)

AECOM office address: 700 5<sup>th</sup> (walking distance from hotel)

Meeting time is 2 -4 (I forwarded the invite). Purpose is to meet and greet their geochem and hydro SMEs and they will provide us an update on the status of the impact assessment for these resources.

After the meeting I will be checking out the AOO jeep for use on the 31<sup>st</sup>.

July 31 –

6:45 am - Tim, Chris, and Patty to meet in the hotel lobby; Drive AOO jeep to Iliamna Air Taxi (6231 S Airpark Place) for arrival by 7. Molly will meet us there.

7:00 am – Check in for flight to Kokhanok – be prepared to pay for the charter with your gov credit card

8:00 am – Depart for Kokhanok

9:00 am – Arrive Kokhanok

9 – 4 - Safety briefing, helicopter tour of mine site and parts of the access road and Iliamna Lake terminal locations, time will be spent in the helicopter and also on the ground (will be invoiced later for helicopter time)

4:00 pm – Arrive in Iliamna from tour and check in for Iliamna Air Taxi flight back to Anchorage

4:30 pm – flight leaves Iliamna for Anchorage

5:30 pm – Arrive in Anchorage; Patty, Tim, Chris drive jeep back to the hotel

August 1

My flight leaves at 2 pm. I may be able to take Tim and Chris to airport, except I have a 7 am conference call

-----

Please check the weather and dress accordingly.

We will need to bring lunches, snacks, water with us on the 31<sup>st</sup>. We can purchase in Anchorage on Monday. Also you might want to bring site maps from the project description for reference.

Let me know if you have questions.

Patty

**Patty McGrath | Mining Advisor**

U.S. Environmental Protection Agency, Region 10

1200 Sixth Avenue, Seattle, WA 98101

M/S: RAD-202



Office: (206) 553-6113  
Cell: (206) 743-7068  
[mcgrath.patricia@epa.gov](mailto:mcgrath.patricia@epa.gov)

**From:** Vaughan, Molly [no-reply@sharepointonline.com]  
**Sent:** 4/16/2018 4:43:22 PM  
**To:** Palomaki, Ashley [Palomaki.Ashley@epa.gov]  
**CC:** Vaughan, Molly [Vaughan.Molly@epa.gov]  
**Subject:** Vaughan, Molly has invited you to 'Pebble Project Permitting Oversight and NEPA Review Team'

Hi Ashley - I have elevated your permissions to "owner" so you should now be able to do anything needed to create/modify folders for FOIA work.

## Go to Pebble Project Permitting Oversight and NEPA Review Team

Follow this site to get updates in your newsfeed.



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Message

---

**From:** Peterson, Erik [Peterson.Erik@epa.gov]  
**Sent:** 4/9/2018 11:30:13 PM  
**To:** Vaughan, Molly [Vaughan.Molly@epa.gov]  
**Subject:** RE: BB check-in

I can lead the call on Wednesday and thank you for the agenda items. I'll send the agenda out tomorrow afternoon.



**Erik Peterson**, NEPA Reviewer  
U.S. EPA, Region 10  
1200 Sixth Avenue, Suite 155  
Seattle, Washington 98101-3140  
(206) 553-6382

---

---

**From:** Vaughan, Molly  
**Sent:** Monday, April 09, 2018 3:29 PM  
**To:** Peterson, Erik <Peterson.Erik@epa.gov>  
**Subject:** FW: BB check-in

Hi Erik **Personal Matters / Ex. 6**, wondering if you are available to lead the BB check-in call Wednesday? I may have to call in while in-transit to the office, so not an ideal day for me to lead. Here are the NEPA Team agenda items:

- Scoping
  - o Extension of scoping comment deadline to June 29
  - o Update on public scoping meetings.
- 404 strategy meeting between EPA and Corps in May

Thanks,  
Molly

---

**From:** McGrath, Patricia  
**Sent:** Friday, April 06, 2018 2:17 PM  
**To:** Allnutt, David <Allnutt.David@epa.gov>  
**Cc:** Vaughan, Molly <Vaughan.Molly@epa.gov>; Combes, Marcia <Combes.Marcia@epa.gov>; Palomaki, Ashley <Palomaki.Ashley@epa.gov>  
**Subject:** BB check-in

Hi David-

**Personal Matters / Ex. 6** Molly will be providing NEPA/permitting input into the check-in call on Wednesday.

Highlights for this week include:

- Corps extended scoping period to now end on June 29
- Suzanne posted a blurb on our BB site about the EIS and link to Corps' Pebble website. I informed the Corps of this.
- Additional scoping meeting added in New Stuyahok.

- Most cooperating agencies are not participating in the scoping meetings. Exception is the State who will be at the meetings next week. BSEE is attending the Homer and Anchorage meeting. The Corps is providing a conference line. Molly, Neverly, or myself will be calling into the scoping meetings to listen in (except for Homer, Anchorage, and Dillingham). Molly will attend the Anchorage meeting.
- Molly and I had a call with ORD this week. I expect we will get assistance from ORD on fisheries, transportation, and hydrology (though need to verify with hydrologists)
- Molly is off to a good start on our scoping letter
- Based on a call with the Corps today, we will be setting up a 404 strategy meeting between EPA and Corps in May. I will work on that (attendees, agenda, timing, internal strategy) when I return.

Have a good week.

Patty

**Patty McGrath | Mining Advisor**

U.S. Environmental Protection Agency, Region 10

1200 Sixth Avenue, Seattle, WA 98101

M/S: RAD-202

Office: (206) 553-6113

Cell: (206) 743-7068

[mcgrath.patricia@epa.gov](mailto:mcgrath.patricia@epa.gov)

Message

---

**From:** McGrath, Patricia [mcgrath.patricia@epa.gov]  
**Sent:** 10/26/2018 6:36:28 PM  
**To:** Vaughan, Molly [Vaughan.Molly@epa.gov]  
**Subject:** section 4.1 comments  
**Attachments:** Comments Section 4.1\_PM and CG.docx

**Flag:** Follow up

Hi Molly-

Please use this version of my comments on Section 4.1. I revised one of the comments.

Thanks - Patty

**Patty McGrath | Mining Advisor**

U.S. Environmental Protection Agency, Region 10

1200 Sixth Avenue, Seattle, WA 98101

M/S: RAD-202

Office: (206) 553-6113

Cell: (206) 743-7068

[mcgrath.patricia@epa.gov](mailto:mcgrath.patricia@epa.gov)

Message

---

**From:** Godsey, Cindi [Godsey.Cindi@epa.gov]  
**Sent:** 11/8/2018 10:29:05 PM  
**To:** Vaughan, Molly [Vaughan.Molly@epa.gov]  
**Subject:** RE: Pebble

**Deliberative Process / Ex. 5**

---

**From:** Vaughan, Molly  
**Sent:** Thursday, November 08, 2018 2:17 PM  
**To:** Godsey, Cindi <Godsey.Cindi@epa.gov>  
**Subject:** RE: Pebble

Hi Cindi – We haven't received Appendix N. The Corps did share a table of deliverables the contractor is working on so we would know what to expect when. For Appendix N it has listed that it is just the Project Description, and will not be further shared with Cooperators for comment. Patty did send the revised Project Description to the team a week or two ago, and I also put it on Sharepoint. Hopefully that will answer whatever questions you may have.

Thanks,  
Molly

---

**From:** Godsey, Cindi  
**Sent:** Wednesday, November 07, 2018 8:04 AM  
**To:** Vaughan, Molly <Vaughan.Molly@epa.gov>  
**Subject:** Pebble

Is Appendix N available yet? If not, do we know when it will be?

Cindi



**From:** Microsoft Outlook [MicrosoftExchange329e71ec88ae4615bbc36ab6ce41109e@usepa.onmicrosoft.com]  
**Sent:** 6/5/2018 7:29:42 PM  
**To:** Combes, Marcia [Combes.Marcia@epa.gov]  
**Subject:** Undeliverable: RE: Bristol Bay Check-in  
**Attachments:** RE: Bristol Bay Check-in

Your message

**To:** Steiner-Riley, Cara; Allnutt, David; R10-OERA Calendar; Lindsay, Andrea; Skadowski, Suzanne; Nogi, Jill; Peterson, Erik; Nalven, Heidi; Fordham, Tami; Anderson-Carnahan, Linda; McGrath, Patricia; Palomaki, Ashley; LaCroix, Matthew; Hough, Palmer; Combes, Marcia; Mendelman, Krista; Szerlog, Michael  
**CC:** Stern, Allyn; Douglas, Mark  
**Subject:** RE: Bristol Bay Check-in  
**Sent:** 6/5/2018 7:29:41 PM



Your message to Combes.Marcia@epa.gov couldn't be delivered.

Combes.Marcia wasn't found at epa.gov.

Vaughan.Molly	Office 365	Combes.Marcia
Action Required		Recipient
Unknown To address		

## How to Fix It

The address may be misspelled or may not exist. Try one or more of the following:

- Send the message again following these steps: In Outlook, open this non-delivery report (NDR) and choose **Send Again** from the Report ribbon. In Outlook on the web, select this NDR, then select the link "**To send this message again, click here.**" Then delete and retype the entire recipient address. If prompted with an Auto-Complete List suggestion don't select it. After typing the complete address, click **Send**.
- Contact the recipient (by phone, for example) to check that the address exists and is correct.
- The recipient may have set up email forwarding to an incorrect address. Ask them to check that any forwarding they've set up is working correctly.
- Clear the recipient Auto-Complete List in Outlook or Outlook on the web by following the steps in this article: [Fix email delivery issues for error code 5.1.10 in Office 365](#), and then send the message again. Retype the entire recipient address before selecting **Send**.

If the problem continues, forward this message to your email admin. If you're an email admin, refer to the **More Info for Email Admins** section below.

## More Info for Email Admins

Status code: 550 5.1.10

This error occurs because the sender sent a message to an email address hosted by Office 365 but the address is incorrect or doesn't exist at the destination domain. The error is reported by the recipient domain's email server, but most often it must be fixed by the person who sent the message. If the steps in the **How to Fix It** section above don't fix the problem, and you're the email admin for the recipient, try one or more of the following:

**The email address exists and is correct** - Confirm that the recipient address exists, is correct, and is accepting messages.

**Synchronize your directories** - If you have a hybrid environment and are using directory synchronization make sure the recipient's email address is synced correctly in both Office 365 and in your on-premises directory.

**Errant forwarding rule** - Check for forwarding rules that aren't behaving as expected. Forwarding can be set up by an admin via mail flow rules or mailbox forwarding address settings, or by the recipient via the Inbox Rules feature.

**Recipient has a valid license** - Make sure the recipient has an Office 365 license assigned to them. The recipient's email admin can use the Office 365 admin center to assign a license (Users > Active Users > select the recipient > Assigned License > Edit).

**Mail flow settings and MX records are not correct** - Misconfigured mail flow or MX record settings can cause this error. Check your Office 365 mail flow settings to make sure your domain and any mail flow connectors are set up correctly. Also, work with your domain registrar to make sure the MX records for your domain are configured correctly.

For more information and additional tips to fix this issue, see [Fix email delivery issues for error code 5.1.10 in Office 365](#).

### Original Message Details

Created Date: 6/5/2018 7:29:41 PM  
Sender Address: Vaughan.Molly@epa.gov  
Recipient Address: Combes.Marcia@epa.gov  
Subject: RE: Bristol Bay Check-in

### Error Details

Reported error: 550 5.1.10 RESOLVER.ADR.RecipientNotFound; Recipient Combes.Marcia@epa.gov not found by SMTP address lookup  
DSN generated by: DM6PR09MB2618.namprd09.prod.outlook.com

### Message Hops

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HOP	TIME (UTC)	FROM	TO	WITH
-----	------------	------	----	------

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1	6/5/2018 7:29:41 PM	DM6PR09MB2794.namprd09.prod.outlook.com	DM6PR09MB2794.namprd09.prod.outlook.com	mapi
2	6/5/2018 7:29:41 PM	DM6PR09MB2794.namprd09.prod.outlook.com	DM6PR09MB2618.namprd09.prod.outlook.com	Microsoft SMTP Serv cipher=TLS_ECDHE_R

## Original Message Headers

Authentication-Results: epa.gov; dkim=none (message not signed)  
 header.d=none;epa.gov; dmarc=none action=none header.from=epa.gov;  
 Received: from DM6PR09MB2794.namprd09.prod.outlook.com (20.176.98.16) by  
 DM6PR09MB2618.namprd09.prod.outlook.com (20.176.97.20) with Microsoft SMTP  
 Server (version=TLS1\_2, cipher=TLS\_ECDHE\_RSA\_WITH\_AES\_256\_GCM\_SHA384) id  
 15.20.820.14; Tue, 5 Jun 2018 19:29:41 +0000  
 Received: from DM6PR09MB2794.namprd09.prod.outlook.com  
 ([fe80::1500:b38a:28a2:2c83]) by DM6PR09MB2794.namprd09.prod.outlook.com  
 ([fe80::1500:b38a:28a2:2c83%5]) with mapi id 15.20.0841.011; Tue, 5 Jun 2018  
 19:29:41 +0000  
 Content-Type: application/ms-tnef; name="winmail.dat"  
 Content-Transfer-Encoding: binary  
 From: "Vaughan, Molly" <Vaughan.Molly@epa.gov>  
 To: "Steiner-Riley, Cara" <Steiner-Riley.Cara@epa.gov>, "Allnutt, David"  
 <Allnutt.David@epa.gov>, R10-OERA Calendar <R10-OERA\_Calendar@epa.gov>,  
 "Lindsay, Andrea" <Lindsay.Andrea@epa.gov>, "Skadowski, Suzanne"  
 <Skadowski.Suzanne@epa.gov>, "Nogi, Jill" <nogi.jill@epa.gov>, "Peterson,  
 Erik" <Peterson.Erik@epa.gov>, "Nalven, Heidi" <Nalven.Heidi@epa.gov>,  
 "Fordham, Tami" <Fordham.Tami@epa.gov>, "Anderson-Carnahan, Linda"  
 <Anderson-Carnahan.Linda@epa.gov>, "McGrath, Patricia"  
 <mcgrath.patricia@epa.gov>, "Palomaki, Ashley" <Palomaki.Ashley@epa.gov>,  
 "LaCroix, Matthew" <LaCroix.Matthew@epa.gov>, "Hough, Palmer"  
 <Hough.Palmer@epa.gov>, "Combes, Marcia" <Combes.Marcia@epa.gov>, "Mendelman,  
 Krista" <Mendelman.Krista@epa.gov>, "Szerlog, Michael"  
 <Szerlog.Michael@epa.gov>  
 CC: "Stern, Allyn" <Stern.Alyn@epa.gov>, "Douglas, Mark"  
 <douglas.mark@epa.gov>  
 Subject: RE: Bristol Bay Check-in  
 Thread-Topic: Bristol Bay Check-in  
 Thread-Index: AdOerMNSyg6D+MKyTyqlvz38s/yhWgAAD7EQF5R+ERAAAFpd0AAAt1Dw  
 Date: Tue, 5 Jun 2018 19:29:41 +0000  
 Message-ID:  
 <DM6PR09MB279487F82BC5AD1B6E269C26E9660@DM6PR09MB2794.namprd09.prod.outlook.com>  
 References:  
 <MWHPR09MB1344D74AC85FACD08852CE87F4FE0@MWHPR09MB1344.namprd09.prod.outlook.com>  
 <BL0PR0901MB23083B9D757AE4DEA8237CCBF4660@BL0PR0901MB2308.namprd09.prod.outlook.com>  
 <SN6PR0901MB243067A3F250EEAB6DCA04A9D5660@SN6PR0901MB2430.namprd09.prod.outlook.com>  
 In-Reply-To:  
 <SN6PR0901MB243067A3F250EEAB6DCA04A9D5660@SN6PR0901MB2430.namprd09.prod.outlook.com>  
 Accept-Language: en-US  
 Content-Language: en-US

X-MS-Has-Attach: yes  
X-MS-TNEF-Correlator:  
<DM6PR09MB279487F82BC5AD1B6E269C26E9660@DM6PR09MB2794.namprd09.prod.outlook.com>  
MIME-Version: 1.0  
X-Originating-IP: [2620:117:5043:6a::d007]  
X-MS-PublicTrafficType: Email  
X-Microsoft-Exchange-Diagnostics:  
1;DM6PR09MB2794;35;V+4m+6V//HQoGgzbe9OXUu/2ORw/sI6jdTBAQuR85W27qU7VLudnm9fgzYQAFsJnkXfdT4  
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Fyzc  
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Return-Path: Vaughan.Molly@epa.gov  
X-Microsoft-Antispam:  
UriScan;;BCL:0;PCL:0;RULEID:(7020095)(4652020)(5600026)(2017052603328)(7153060)(49  
563074)(7193020);SRVP:DM6PR09MB2618;  
X-Microsoft-Exchange-Diagnostics:  
1;DM6PR09MB2618;3;B6fCIaLEsdCXHz5HX7c88d04EkC5mEPpKiRTFVOqfa8yN4Q7zXK0mYtTpI8ezaax  
bfyqJ3RPMcHj3+ONjzmt7WnUedrXYVRO/Hye0wEPLM5REbHUNzk0NyBN8qDyGz+sKILLuVxHmVR9zm7lEmdCnagrr  
twlnIGF6slgYf8UirVEe55aPOgSdewl0GbzbKIWT/fkEgD6bc5WMeF8s2SoQIG90BnxMfgz4tXz0gwiE3ViXHl17g  
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X-Exchange-Antispam-Report-Test:  
UriScan:(28532068793085)(148322886591682)(31418570063057)(86561027422486)(21748063  
052155)(64217206974132)(229425074694992);  
X-Exchange-Antispam-Report-CFA-Test:  
BCL:0;PCL:0;RULEID:(102415395)(9101524173)(2401047)(8121501046)(823300264)(8233101  
15)(10201501046)(93006095)(93001095)(3002001)(3231254)(944501410)(52105095)(2017080717420  
11)(7699016);SRVP:DM6PR09MB2618;BCL:0;PCL:0;RULEID;;SRVP:DM6PR09MB2618;  
X-Microsoft-Exchange-Diagnostics:  
1;DM6PR09MB2618;4;p6On4psCWUdhQI0p0SNT/mebsyVv1qOWlhtEAFUj9HpM02klaKKpEaTdlA8pl1+b  
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cg2==

X-Forefront-Antispam-Report:

SFV:SKI;SFS:;DIR:INB;SFP:;SCL:-  
1;SRVR:DM6PR09MB2618;H:DM6PR09MB2794.namprd09.prod.outlook.com;FPR:;SPF:None;LANG:en;

X-Microsoft-Antispam-Message-Info:

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uSSzkfrKEJIAiZIk71trW

X-Microsoft-Exchange-Diagnostics:

1;DM6PR09MB2618;6:AveOVFFq82uLz9+L/PKpgSKuTTgtM9b4v450cvTJPCdmLfxB9kNgIltP4ePlH75G  
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cuDfIIImYHsm+jfGKvAslemllKlu3SsVuGVKFCx0zAffEft4Sb4Ed2Wi459c40uef8y+KGBj7j0Mhnf3WxW2IzP4r  
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nOZ7Pwva0l7ziYouFI/7X2PqpVuihwAlEvqTvNYG9Y78gXO0=;24:ldqITgnxfJKxl66dS3ZMfaC3LgtITbykO+4j  
mLZ72gOWSw4/EdcS8YE6buZOSQZmxc6ZEzCLnPMHboUK:h8PJx8y9uR3zXv7zbLDqRxoPhI=

SpamDiagnosticOutput: 1:0

X-Microsoft-Exchange-Diagnostics:

1;DM6PR09MB2618;7:yAOH5wShQiVvbB19K7mlLJYTIhUpFLeKO0v58YIjtz6PJImTSYihB22IruMhgTfY  
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LTLrXL9xGcpmeq

X-MS-Office365-Filtering-Correlation-Id: 740c44f7-134d-47e4-0684-08d5cb1aaf77

X-MS-Exchange-CrossTenant-OriginalArrivalTime: 05 Jun 2018 19:29:41.4733

(UTC)

X-MS-Exchange-CrossTenant-FromEntityHeader: Hosted

X-MS-Exchange-CrossTenant-Id: 88b378b3-6748-4867-acf9-76aacbeca6a7

X-MS-Exchange-CrossTenant-Network-Message-Id: 740c44f7-134d-47e4-0684-08d5cb1aaf77

X-MS-Exchange-Transport-CrossTenantHeadersStamped: DM6PR09MB2618

Message

**From:** Vaughan, Molly [Vaughan.Molly@epa.gov]  
**Sent:** 6/5/2018 7:29:41 PM  
**To:** Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; R10-OERA Calendar [R10-OERA\_Calendar@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]; Peterson, Erik [Peterson.Erik@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Fordham, Tami [Fordham.Tami@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; LaCroix, Matthew [LaCroix.Matthew@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Combes, Marcia [Combes.Marcia@epa.gov]; Mendelman, Krista [Mendelman.Krista@epa.gov]; Szerlog, Michael [Szerlog.Michael@epa.gov]  
**CC:** Stern, Allyn [Stern.Allyn@epa.gov]; Douglas, Mark [douglas.mark@epa.gov]  
**Subject:** RE: Bristol Bay Check-in

I will also miss tomorrow's check-in due to the conflict with the Cooperating Agency meeting here in Anchorage.  
--Molly

---

**From:** Steiner-Riley, Cara  
**Sent:** Tuesday, June 05, 2018 11:08 AM  
**To:** Allnutt, David <Allnutt.David@epa.gov>; R10-OERA Calendar <R10-OERA\_Calendar@epa.gov>; Lindsay, Andrea <Lindsay.Andrea@epa.gov>; Skadowski, Suzanne <Skadowski.Suzanne@epa.gov>; Nogi, Jill <nogi.jill@epa.gov>; Peterson, Erik <Peterson.Erik@epa.gov>; Nalven, Heidi <Nalven.Heidi@epa.gov>; Fordham, Tami <Fordham.Tami@epa.gov>; Anderson-Carnahan, Linda <Anderson-Carnahan.Linda@epa.gov>; McGrath, Patricia <mcgrath.patricia@epa.gov>; Palomaki, Ashley <Palomaki.Ashley@epa.gov>; LaCroix, Matthew <LaCroix.Matthew@epa.gov>; Vaughan, Molly <Vaughan.Molly@epa.gov>; Hough, Palmer <Hough.Palmer@epa.gov>; Combes, Marcia <Combes.Marcia@epa.gov>; Mendelman, Krista <Mendelman.Krista@epa.gov>; Szerlog, Michael <Szerlog.Michael@epa.gov>  
**Cc:** Stern, Allyn <Stern.Allyn@epa.gov>; Douglas, Mark <douglas.mark@epa.gov>  
**Subject:** RE: Bristol Bay Check-in

I am not available tomorrow. Sorry.

---

**From:** Allnutt, David  
**Sent:** Tuesday, June 05, 2018 11:59 AM  
**To:** R10-OERA Calendar <R10-OERA\_Calendar@epa.gov>; Lindsay, Andrea <Lindsay.Andrea@epa.gov>; Skadowski, Suzanne <Skadowski.Suzanne@epa.gov>; Nogi, Jill <nogi.jill@epa.gov>; Peterson, Erik <Peterson.Erik@epa.gov>; Nalven, Heidi <Nalven.Heidi@epa.gov>; Fordham, Tami <Fordham.Tami@epa.gov>; Anderson-Carnahan, Linda <Anderson-Carnahan.Linda@epa.gov>; McGrath, Patricia <mcgrath.patricia@epa.gov>; Palomaki, Ashley <Palomaki.Ashley@epa.gov>; Steiner-Riley, Cara <Steiner-Riley.Cara@epa.gov>; LaCroix, Matthew <LaCroix.Matthew@epa.gov>; Vaughan, Molly <Vaughan.Molly@epa.gov>; Hough, Palmer <Hough.Palmer@epa.gov>; Combes, Marcia <Combes.Marcia@epa.gov>; Mendelman, Krista <Mendelman.Krista@epa.gov>; Szerlog, Michael <Szerlog.Michael@epa.gov>  
**Cc:** Stern, Allyn <Stern.Allyn@epa.gov>; Douglas, Mark <douglas.mark@epa.gov>  
**Subject:** RE: Bristol Bay Check-in

Team – are we holding our regular check-in tomorrow?

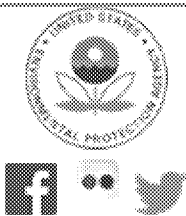
**Personal Matters / Ex. 6**

Personal Matters / Ex. 6

There are a couple of topics that I'd like to update the group on if possible.

---

R. David Allnutt, Director



Office of Environmental Review and Assessment  
U.S. EPA, Region 10  
1200 Sixth Avenue, Suite 155  
Seattle, Washington 98101-3140  
(206) 553-2581

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-----Original Appointment-----

**From:** R10-OERA Calendar

**Sent:** Monday, February 05, 2018 10:13 AM

**To:** R10-OERA Calendar; Lindsay, Andrea; Skadowski, Suzanne; Nogi, Jill; Peterson, Erik; Nalven, Heidi; Fordham, Tami; Allnutt, David; Anderson-Carnahan, Linda; McGrath, Patricia; Palomaki, Ashley; Steiner-Riley, Cara; LaCroix, Matthew; Vaughan, Molly; Hough, Palmer; Combes, Marcia; Mendelman, Krista; Szerlog, Michael

**Cc:** Stern, Allyn; Douglas, Mark

**Subject:** Bristol Bay Check-in

**When:** Wednesday, June 06, 2018 9:00 AM-10:00 AM (UTC-08:00) Pacific Time (US & Canada).

**Where:** R10Sea-Room-14Elwha/R10-Rooms-Service-Center;

**Conference Line/Code / Ex. 6**

**Conference Line/Code / Ex. 6**

Message

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**From:** Vaughan, Molly [no-reply@sharepointonline.com]  
**Sent:** 5/24/2018 10:45:52 PM  
**To:** Schofield, Kate [Schofield.Kate@epa.gov]  
**CC:** Vaughan, Molly [Vaughan.Molly@epa.gov]  
**Subject:** Vaughan, Molly has invited you to 'Pebble Project Permitting Oversight and NEPA Review Team'

Hello Kate - welcome to the Pebble NEPA Team. Here is a link to the team's SharePoint site.

Thanks,  
Molly

Go to Pebble Project Permitting Oversight and NEPA  
Review Team

Follow this site to get updates in your newsfeed.



Get the SharePoint mobile app!



Message

---

**From:** McGrath, Patricia [mcgrath.patricia@epa.gov]  
**Sent:** 11/10/2018 10:14:33 PM  
**To:** Vaughan, Molly [Vaughan.Molly@epa.gov]  
**Subject:** ch 2  
**Attachments:** Comment spreadsheet\_PDEIS\_ch2\_pm.docx

Hi Molly-

Attached are my comments on Ch 2.

I see that Cindi, Barb, and Kate also sent comments. Let me know if you have questions while combining comments.

Patty

**Patty McGrath | Mining Advisor**

U.S. Environmental Protection Agency, Region 10  
1200 Sixth Avenue, Seattle, WA 98101

M/S: RAD-202

Office: (206) 553-6113

Cell: (206) 743-7068

[mcgrath.patricia@epa.gov](mailto:mcgrath.patricia@epa.gov)

Message

---

**From:** Vaughan, Molly [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=89EEE45FCEA246B78BBB46014FE7B12-VAUGHAN, MOLLY]  
**Sent:** 10/22/2018 6:32:17 PM  
**To:** McGrath, Patricia [mcgrath.patricia@epa.gov]  
**Subject:** RE: 10\_10\_2018\_PLP\_Revised\_Project\_Description (UNCLASSIFIED)

Hi Patty - No, I could not open this either. I did notice that a Revised Project Description dated 10/4 has been loaded in the Project Library on the website (under Data Reviewed for the Draft EIS, here: [https://u8280144.ct.sendgrid.net/wf/click?upn=3ZS1U8pRPduUmTL1tY4oI-2BD0ECgIrX590o8ZR8FxxvNnzgR4A-2FUGoknyA4wJK-2BUMpeLFgvIQivvz1jxdLZzzKnIVFib7tTJGPh9TDR3JOLk-3D\\_Jo98HnSke35zX6hnX9-2BRVbnZvz2YETXrDsffwFqXeTXyA-2BFQ4Ho0u45R4z6wKfavU2JX3jzwx909zy-2B4or1oG8RuBzNQfnnGAUVcuYeSWb9ApwPUZm5cnriFFUALyB69fUuCNQZ7quMIgM8jq-2F1K6xYi-2FDEWYcUp6-2Frs1Pl6nSQ2QF1udTNHzeHPN-2FLjK-2FrU3R5IwfbkYBHHGbiUxxpmrq9BYokBjCo-2FTmUT3XMezP0-3D](https://u8280144.ct.sendgrid.net/wf/click?upn=3ZS1U8pRPduUmTL1tY4oI-2BD0ECgIrX590o8ZR8FxxvNnzgR4A-2FUGoknyA4wJK-2BUMpeLFgvIQivvz1jxdLZzzKnIVFib7tTJGPh9TDR3JOLk-3D_Jo98HnSke35zX6hnX9-2BRVbnZvz2YETXrDsffwFqXeTXyA-2BFQ4Ho0u45R4z6wKfavU2JX3jzwx909zy-2B4or1oG8RuBzNQfnnGAUVcuYeSWb9ApwPUZm5cnriFFUALyB69fUuCNQZ7quMIgM8jq-2F1K6xYi-2FDEWYcUp6-2Frs1Pl6nSQ2QF1udTNHzeHPN-2FLjK-2FrU3R5IwfbkYBHHGbiUxxpmrq9BYokBjCo-2FTmUT3XMezP0-3D))  
But, since the dates don't exactly match, I'm not 100% sure it is the same thing?  
--Molly

-----Original Message-----

**From:** McGrath, Patricia  
**Sent:** Monday, October 22, 2018 9:09 AM  
**To:** Vaughan, Molly <Vaughan.Molly@epa.gov>  
**Subject:** FW: 10\_10\_2018\_PLP\_Revised\_Project\_Description (UNCLASSIFIED)

Molly-  
Were you able to open this document?  
I could not get it to open.  
Patty

-----Original Message-----

**From:** POA Special Projects [mailto:poaspecialprojects@usace.army.mil]  
**Sent:** Friday, October 19, 2018 3:08 PM  
**To:** bobl@jadenorth.com; Brooke Merrell <brooke\_merrell@nps.gov>; Curyung Tribal <courtenay@curyungtribe.com>; Daugherty, Linda (PHMSA) <linda.daugherty@dot.gov>; David Seris (David.M.Seris@uscg.mil) <David.M.Seris@uscg.mil>; Douglass Cooper <douglass\_cooper@fws.gov>; Hassell, David (PHMSA) <david.hassell@dot.gov>; J. Loichinger <jloichinger@achp.gov>; Joan Kluwe <joan\_kluwe@nps.gov>; John Eddins <jeddins@achp.gov>; Kevin Pendegast <kevin.pendegast@bsee.gov>; 'mary\_colligan@fws.gov' <mary\_colligan@fws.gov>; McCafferty, Katherine A CIV USARMY CEPOA (US) <Katherine.A.McCafferty2@usace.army.mil>; McCall, John <john.mccall@bsee.gov>; McGrath, Patricia <mcgrath.patricia@epa.gov>; Vaughan, Molly <Vaughan.Molly@epa.gov>; Moselle, Kyle W (DNR) <kyle.moselle@alaska.gov>; manager@lakeandpen.com; POA Special Projects <poaspecialprojects@usace.army.mil>; nondaltontribe@yahoo.com; Wesley Furlong <wfurlong@narf.org>  
**Cc:** POA Special Projects <poaspecialprojects@usace.army.mil>; Craig, Bill <bill.m.craig@aecom.com>  
**Subject:** 10\_10\_2018\_PLP\_Revised\_Project\_Description (UNCLASSIFIED)

CLASSIFICATION: UNCLASSIFIED

All,  
Attached is the updated Project Description produced by the applicant associated with the May 11, 2018 Memo.

VR

Shane McCoy  
Program Manager  
(907) 753-2715

CLASSIFICATION: UNCLASSIFIED



Message

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**From:** Vaughan, Molly [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=89EEE45FCEA246B78BBBBB46014FE7B12-VAUGHAN, MOLLY]  
**Sent:** 10/3/2018 9:43:36 PM  
**To:** McGrath, Patricia [mcgrath.patricia@epa.gov]  
**Subject:** RE: pebble alts

Thanks Patty – I just finished a final read-through and caught a few more typos. I'll send to Shane now.

---

**From:** McGrath, Patricia  
**Sent:** Wednesday, October 03, 2018 1:05 PM  
**To:** Vaughan, Molly <Vaughan.Molly@epa.gov>  
**Subject:** pebble alts

Hi Molly –  
I made a couple minor edits to our comments on TSF-04.  
Also the header will need to be revised to take out the word Draft.  
Thanks –  
Patty

**Patty McGrath | Mining Advisor**  
U.S. Environmental Protection Agency, Region 10  
1200 Sixth Avenue, Seattle, WA 98101  
M/S: RAD-202  
Office: (206) 553-6113  
Cell: (206) 743-7068  
[mcgrath.patricia@epa.gov](mailto:mcgrath.patricia@epa.gov)

Message

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**From:** Vaughan, Molly [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=89EEE45FCEA246B78BBBB46014FE7B12-VAUGHAN, MOLLY]  
**Sent:** 11/19/2018 11:42:16 PM  
**To:** Palomaki, Ashley [Palomaki.Ashley@epa.gov]  
**Subject:** FW: Please Review - Pebble Draft Ch 2 Comments  
**Attachments:** EPA Comments Pebble Pre-DEIS Ch 2 111918draft.docx

Oops, forgot to cc you, but here's the current draft.

---

**From:** Vaughan, Molly  
**Sent:** Monday, November 19, 2018 1:32 PM  
**To:** Nogi, Jill <nogi.jill@epa.gov>  
**Cc:** McGrath, Patricia <mcgrath.patricia@epa.gov>  
**Subject:** Please Review - Pebble Draft Ch 2 Comments

Hi Jill,  
Here are the draft comments on Chapter 2 for your review. As we've discussed, the comments are due Friday the 23rd, but I plan to send them to the Corps on Wednesday, after I address any comments/edits you may have.  
Thanks,  
Molly

~~~~~  
Molly Vaughan  
U.S. Environmental Protection Agency Region 10  
Alaska Operations Office  
222 W. 7<sup>th</sup> Avenue #19  
Anchorage, AK 99513-7588

907-271-1215  
[vaughan.molly@epa.gov](mailto:vaughan.molly@epa.gov)  
~~~~~

Message

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**From:** Vaughan, Molly [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=89EEE45FCEA246B78BBBB46014FE7B12-VAUGHAN, MOLLY]  
**Sent:** 11/19/2018 9:41:52 PM  
**To:** Palomaki, Ashley [Palomaki.Ashley@epa.gov]  
**Subject:** RE: Pebble Draft Ch 2 comments for review

Thanks so much Ashley! I've accepted your edits and will copy you when I send the revised version to Jill for final review.  
--Molly

---

**From:** Palomaki, Ashley  
**Sent:** Monday, November 19, 2018 8:01 AM  
**To:** McGrath, Patricia <mcgrath.patricia@epa.gov>; Vaughan, Molly <Vaughan.Molly@epa.gov>  
**Subject:** RE: Pebble Draft Ch 2 comments for review

Hi Molly –

Thanks for the opportunity to review. My comments are attached. I have a problem in that I always fix nits if I see them ☺ but you should take it or leave it. I also flagged a couple places for you where you should edit the sentence b/c it isn't clear.

Attorney Client Privilege/Deliberative Process Privilege / Ex. 5

Ashley

**Ashley Palomaki**  
Assistant Regional Counsel  
U.S. EPA Region 10 Office of Regional Counsel  
1200 Sixth Avenue, Suite 155, ORC-113  
Seattle, WA 98101  
206-553-8582

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**From:** McGrath, Patricia  
**Sent:** Friday, November 16, 2018 9:25 AM  
**To:** Vaughan, Molly <Vaughan.Molly@epa.gov>; Palomaki, Ashley <Palomaki.Ashley@epa.gov>  
**Subject:** RE: Pebble Draft Ch 2 comments for review

Hi Molly and Ashely –

Deliberative Process / Ex. 5

Deliberative Process / Ex. 5

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**From:** Vaughan, Molly  
**Sent:** Thursday, November 15, 2018 3:52 PM  
**To:** Palomaki, Ashley <[Palomaki.Ashley@epa.gov](mailto:Palomaki.Ashley@epa.gov)>  
**Cc:** McGrath, Patricia <[mcgrath.patricia@epa.gov](mailto:mcgrath.patricia@epa.gov)>  
**Subject:** Pebble Draft Ch 2 comments for review

Hi Ashley,

I am so sorry for the delay in getting these comments to you for review. If you will no longer be able to complete your review Friday, please let me know. I also apologize that some of the comments (particularly the last couple pages) are still a bit rough. So, please don't feel that you have to edit grammar, punctuation, etc., as I will do another read-through for that before sending this to Jill.

Patty – I've copied you here as well, so you can decide if you would prefer to do your final review of the compiled comments now, or at the same time as Jill's review.

Thank you very much in advance for your review!  
--Molly

~~~~~  
Molly Vaughan  
U.S. Environmental Protection Agency Region 10  
Alaska Operations Office  
222 W. 7<sup>th</sup> Avenue #19  
Anchorage, AK 99513-7588

907-271-1215  
[vaughan.molly@epa.gov](mailto:vaughan.molly@epa.gov)  
~~~~~

## Appointment

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**From:** Vaughan, Molly [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=89eee45fcea246b78bbbb46014fe7b12-Vaughan, Molly]  
**Sent:** 8/14/2018 6:14:32 PM  
**To:** McGrath, Patricia [mcgrath.patricia@epa.gov]; Nogi, Jill [nogi.jill@epa.gov]  
**BCC:**

Conference Line/Code / Ex. 6

**Subject:** Pebble Ch. 4

**Location:** Conference Line/Code / Ex. 6

**Start:** 8/14/2018 7:30:00 PM

**End:** 8/14/2018 8:00:00 PM

**Show Time As:** Tentative

Message

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**From:** Vaughan, Molly [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=89EEE45FCEA246B78BBB46014FE7B12-VAUGHAN, MOLLY]  
**Sent:** 6/26/2018 3:43:23 PM  
**To:** Maley, Timothy [maley.timothy@epa.gov]  
**Subject:** RE: REVIEW REQUEST and additional documents loaded to Sharepoint

Good morning, Tim. Thank you for reviewing. We never received the missing chapters from the Corps. I'm not sure what the status is, but hopefully we will get a chance to review at a later date.

Thanks,  
Molly

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**From:** Maley, Timothy  
**Sent:** Monday, June 25, 2018 7:08 AM  
**To:** Vaughan, Molly <Vaughan.Molly@epa.gov>  
**Subject:** RE: REVIEW REQUEST and additional documents loaded to Sharepoint

Good morning –

I'm completing my review and will get you a response hopefully later today in accordance with your schedule. I see Chris send you comments regarding his review of 3.18. I'll at least work off of his to avoid replication. Also I'm reviewing 3.16 and 3.17.

Has the text for 3.16 been released?

- Tim

*Tim Maley, PG*  
EPA-R10/OERA  
O: 206-553-1210

---

**From:** Vaughan, Molly  
**Sent:** Thursday, June 7, 2018 12:13 PM  
**To:** McGrath, Patricia <mcgrath.patricia@epa.gov>; Godsey, Cindi <Godsey.Cindi@epa.gov>; Pepple, Karl <Pepple.Karl@epa.gov>; McAlpine, Jerrold <McAlpine.Jay@epa.gov>; Palomaki, Ashley <Palomaki.Ashley@epa.gov>; Wake, Neverley <wake.neverley@epa.gov>; Hough, Palmer <Hough.Palmer@epa.gov>; Schofield, Kate <Schofield.Kate@epa.gov>; Maley, Timothy <maley.timothy@epa.gov>; Eckley, Chris <Eckley.Chris@epa.gov>; Barton, Justine <Barton.Justine@epa.gov>; Douglas, Mark <douglas.mark@epa.gov>; Muche, Muluken <Muche.Muluken@epa.gov>  
**Subject:** REVIEW REQUEST and additional documents loaded to Sharepoint

Hello Team,

The Corps distributed some additional information to cooperating agencies related to yesterday's Cooperating Agency meeting here in Anchorage, and I have added these materials to the Sharepoint site, in the "Materials for 6-6-18 Cooperating Agency Meeting" folder. Most of the information is for awareness only, but our review has been requested on two items:

- 1) the Preliminary Scoping Report

**Internal Website / Ex. 6**

2) selected sections of Pre-Draft Chapter 3

**Internal Website / Ex. 6**

Your review is being requested on specific materials (listed below), but feel free to also review the remainder of the materials if you wish.

- Preliminary Scoping Report: **Molly/Patty** – comments due to Molly **June 20**  
This document addresses scoping comments received to date, but will be updated following the close of the public scoping period.
- Pre-Draft Chapter 3 Sections – comments due to Molly **June 25** (specific section assignments below)  
These documents are first drafts of each resource section Affected Environment, and will also be updated following the close of public scoping and based on cooperating agency input. It is not clear whether cooperators will have an opportunity to review a second iteration prior to publication of the Draft EIS, so a thorough review at this stage is critical.

The Corps has requested that our review focus on what is missing or any inaccuracies (don't worry about formatting, grammar, etc.). Where we identify something missing/innacurate, we are asked to be very specific in our recommendation. If you identify missing information in your review, first check the RFI and Responses to Date

**Internal Website / Ex. 6**

If there is a RFI/response that addresses your concern, then please note that in your comment. If not, then please include in your comment: (1) the information gap, (2) a reference where additional information can be found, and (3) what from that reference should be added, with as much specificity as possible – suggested text would be helpful.

Please identify the sub-section and page number for each of your comments.

Here are specific assignments for the review request. Most sections include a word document as well as some associated figures in pdf form.

- 3.1 Intro – **Molly**
- 3.5 Recreation – **Mark/Palmer/Molly**
- 3.11 Aesthetics – **Mark/Palmer/Molly**
- 3.14 Soils – **Mark/Palmer**
- 3.16 Surface Water Hydrology (note, we received figures but not text, and are following up) – **Tim/Mark/Palmer/Muluken**
- 3.17 Groundwater Hydrology – **Tim/Mark/Palmer/Muluken**
- 3.18 Water and Sediment Quality – **Cindi/Tim/Chris**
- 3.22 Wetlands/ Special Aquatic Sites – **Mark/Palmer**
- 3.26 Vegetation (note, we received figures but not text, and are following up) – **Mark/Palmer**

Please let me know if you have any questions. Thank you for your assistance with this review.

Regards,  
Molly

~~~~~  
Molly Vaughan  
U.S. Environmental Protection Agency Region 10  
Alaska Operations Office  
222 W. 7<sup>th</sup> Avenue #19

Anchorage, AK 99513-7588

907-271-1215

[vaughan.molly@epa.gov](mailto:vaughan.molly@epa.gov)

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**From:** Vaughan, Molly

**Sent:** Thursday, May 24, 2018 2:47 PM

**To:** McGrath, Patricia <[mcgrath.patricia@epa.gov](mailto:mcgrath.patricia@epa.gov)>; Meade, Christopher <[Meade.Chris@epa.gov](mailto:Meade.Chris@epa.gov)>; Godsey, Cindi <[Godsey.Cindi@epa.gov](mailto:Godsey.Cindi@epa.gov)>; Pepple, Karl <[Pepple.Karl@epa.gov](mailto:Pepple.Karl@epa.gov)>; McAlpine, Jerrold <[McAlpine.Jay@epa.gov](mailto:McAlpine.Jay@epa.gov)>; Palomaki, Ashley <[Palomaki.Ashley@epa.gov](mailto:Palomaki.Ashley@epa.gov)>; Wake, Neverley <[wake.neverley@epa.gov](mailto:wake.neverley@epa.gov)>; Hough, Palmer <[Hough.Palmer@epa.gov](mailto:Hough.Palmer@epa.gov)>; Schofield, Kate <[Schofield.Kate@epa.gov](mailto:Schofield.Kate@epa.gov)>; Maley, Timothy <[maley.timothy@epa.gov](mailto:maley.timothy@epa.gov)>; Eckley, Chris <[Eckley.Chris@epa.gov](mailto:Eckley.Chris@epa.gov)>; Barton, Justine <[Barton.Justine@epa.gov](mailto:Barton.Justine@epa.gov)>; Douglas, Mark <[douglas.mark@epa.gov](mailto:douglas.mark@epa.gov)>

**Subject:** RE: Pebble NEPA/permitting team - documents for awareness review

Hi All,

All of the materials received from the Corps to date are now on the Sharepoint site, in a folder labeled "Materials for 6-6-18 Cooperating Agency Meeting," for your perusal if interested.

## Internal Website / Ex. 6

Regards,  
Molly

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**From:** McGrath, Patricia

**Sent:** Friday, May 18, 2018 11:29 AM

**To:** Vaughan, Molly <[Vaughan.Molly@epa.gov](mailto:Vaughan.Molly@epa.gov)>; LaCroix, Matthew <[LaCroix.Matthew@epa.gov](mailto:LaCroix.Matthew@epa.gov)>; Meade, Christopher <[Meade.Chris@epa.gov](mailto:Meade.Chris@epa.gov)>; Godsey, Cindi <[Godsey.Cindi@epa.gov](mailto:Godsey.Cindi@epa.gov)>; Pepple, Karl <[Pepple.Karl@epa.gov](mailto:Pepple.Karl@epa.gov)>; McAlpine, Jerrold <[McAlpine.Jay@epa.gov](mailto:McAlpine.Jay@epa.gov)>; Palomaki, Ashley <[Palomaki.Ashley@epa.gov](mailto:Palomaki.Ashley@epa.gov)>; Wake, Neverley <[wake.neverley@epa.gov](mailto:wake.neverley@epa.gov)>; Hough, Palmer <[Hough.Palmer@epa.gov](mailto:Hough.Palmer@epa.gov)>; Schofield, Kate <[Schofield.Kate@epa.gov](mailto:Schofield.Kate@epa.gov)>; Maley, Timothy <[maley.timothy@epa.gov](mailto:maley.timothy@epa.gov)>; Eckley, Chris <[Eckley.Chris@epa.gov](mailto:Eckley.Chris@epa.gov)>; Barton, Justine <[Barton.Justine@epa.gov](mailto:Barton.Justine@epa.gov)>; Douglas, Mark <[douglas.mark@epa.gov](mailto:douglas.mark@epa.gov)>

**Subject:** Pebble NEPA/permitting team - documents for awareness review

Pebble NEPA/permitting team –

The Corps has started sending us, and other cooperating agencies, information generated by PLP and the third-party EIS contractor (AECOM). This information includes AECOM's requests (to PLP) for additional information (RFAs) and PLP's responses. The Corps has begun adding these RFAs to the public EIS website. Molly and I will add this information to our SharePoint site as well.

The Corps has submitted this information to us and requested an awareness review, but is not requesting written comments.

For now, I want to bring your attention to two documents, attached:

1 – PLP Updates to the Proposed Project - PLP has made some updates to the project description. Please review this document so that you are aware of the changes.

### Deliberative Process / Ex. 5

### Deliberative Process / Ex. 5

2 – PLP Technical Note on Project Options and Screening Criteria – This document summarizes screening criteria and options used by PLP to develop its current project description. I expect the Corps will consider this information during alternatives development. Please review this document for awareness.



We will discuss these documents during our next team meeting on May 24, and I can provide more context. In the meantime, please let me know if you have questions.

Thanks-  
Patty

**Patty McGrath | Mining Advisor**

U.S. Environmental Protection Agency, Region 10

1200 Sixth Avenue, Seattle, WA 98101

M/S: RAD-202

Office: (206) 553-6113

Cell: (206) 743-7068

[mcgrath.patricia@epa.gov](mailto:mcgrath.patricia@epa.gov)

Message

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**From:** Vaughan, Molly [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=89EEE45FCEA246B78BBB46014FE7B12-VAUGHAN, MOLLY]  
**Sent:** 10/23/2018 10:35:01 PM  
**To:** Wake, Neverley [wake.neverley@epa.gov]  
**Subject:** Pebble - draft section on TEK for review  
**Attachments:** AppK3.1\_TEK\_reviewdraft\_2018.10.16.docx

Hi Neverley,

We have received a few additional draft sections of the Pebble EIS for review. One of these is a description of the Corps approach to TEK in the EIS. I have not had a chance to review, but didn't want to delay any longer in sending this to you. I am not sure if there is anything in here we would want to comment on, but at a minimum I thought you might want to see it for informational purposes. Please review if you have time, and let me know if you have any comments. Due to the short timeframe provided for review, I would need your comments, if you have any, by COB this Friday (the 26th).

If you have any questions on how this document fits in with the overall EIS, or anything else, please let me know.

Thanks,  
Molly

## Appointment

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**From:** Vaughan, Molly [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=89EEE45FCEA246B78BBBB46014FE7B12-VAUGHAN, MOLLY]  
**Sent:** 6/26/2018 7:58:44 PM  
**To:** McGrath, Patricia [mcgrath.patricia@epa.gov]  
**Subject:** Pebble check-in  
**Location:** Molly will call Patty  
**Start:** 6/27/2018 9:00:00 PM  
**End:** 6/27/2018 9:30:00 PM  
**Show Time As:** Tentative

Discuss agenda for PO/NEPA team meeting and status of comments on preliminary documents.

Message

---

**From:** Vaughan, Molly [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=89EEE45FCEA246B78BBBBB46014FE7B12-VAUGHAN, MOLLY]  
**Sent:** 11/16/2018 8:01:47 PM  
**To:** Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Peterson, Erik [Peterson.Erik@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]  
**Subject:** RE: Bristol Bay - Draft Agenda - 11/29 Allnutt Check-in

Hi Erik – Patty and I do not have anything else to add either.  
Thanks!  
--Molly

---

**From:** Palomaki, Ashley  
**Sent:** Friday, November 16, 2018 10:36 AM  
**To:** Peterson, Erik <Peterson.Erik@epa.gov>; McGrath, Patricia <mcgrath.patricia@epa.gov>; Vaughan, Molly <Vaughan.Molly@epa.gov>  
**Subject:** RE: Bristol Bay - Draft Agenda - 11/29 Allnutt Check-in

Hi Erik –

I do not have anything to add. McKeever is spelled with two Es – just FYI.

Also - I have a status call with a federal judge for one of my enforcement cases at 9am on Tuesday. I'm not expecting it to take an hour so will probably just be late (probably by a half hour) but wanted to let you know.

Thanks,

Ashley

**Ashley Palomaki**  
Assistant Regional Counsel  
U.S. EPA Region 10 Office of Regional Counsel  
1200 Sixth Avenue, Suite 155, ORC-113  
Seattle, WA 98101  
206-553-8582

---

**From:** Peterson, Erik  
**Sent:** Friday, November 16, 2018 10:59 AM  
**To:** McGrath, Patricia <mcgrath.patricia@epa.gov>; Vaughan, Molly <Vaughan.Molly@epa.gov>; Palomaki, Ashley <Palomaki.Ashley@epa.gov>  
**Subject:** Bristol Bay - Draft Agenda - 11/29 Allnutt Check-in

Patty, Molly, and Ashley,

Draft agenda for 11/20 Allnutt check-in below. Please send feedback by 4pm today if possible. I'll add this to the calendar invite about then. If you have feedback later, we can update the calendar invite too.

**Permit Oversight/ NEPA Review Team**

Preliminary EIS review

## 404(c) Team

NEPA/404c coordination

Competitive Enterprise Institute Information Quality Act Request for Correction or Withdrawal Regarding Bristol Bay Watershed Assessment

### FOIA

- E&E News (011614)
- McKeaver FOIA Lawsuit
- Trustees for Alaska 2 (0135)
- HQ FOIA Role

### Congressional correspondence

- Western Caucus (Gosar et al) – Forsgren signed final sent 9/16/18
- Lamar Smith – nearly identical Forsgren signed final sent 10/18/18
- DeFazio and Carper – in process

June 2018 memo on 404c regulation revisions

### External meeting

- 11/14/18 Forsgren, PLP and other BB stakeholders



**Erik Peterson**, NEPA Reviewer  
U.S. EPA, Region 10  
1200 Sixth Avenue  
Mail Code: OERA-140  
Seattle, Washington 98101  
(206) 553-6382

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Message

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**From:** Vaughan, Molly [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=89EEE45FCEA246B78BBBB46014FE7B12-VAUGHAN, MOLLY]  
**Sent:** 9/10/2018 7:59:17 PM  
**To:** McGrath, Patricia [mcgrath.patricia@epa.gov]  
**Subject:** RE: notes from 8/22 CA meeting

Hi Patty – here is a draft email to Shane (and recommend cc-ing other CAs) on this

## Deliberative Process / Ex. 5

**From:** McGrath, Patricia  
**Sent:** Friday, September 07, 2018 2:04 PM

**To:** Vaughan, Molly <Vaughan.Molly@epa.gov>

**Subject:** notes from 8/22 CA meeting

Molly-

I noticed that the Corps posted meeting notes from the 8/22 cooperating agency meeting on the Pebble EIS website. I am not aware that we were offered an opportunity to review these notes.

Can you review the notes and let me know if you have any comments or additions? I plan to review them on Monday and would like to send Shane any clarifications by mid-next week.

The notes are found from the link below under "Cooperating Agency Scoping Documents".

<https://pebbleprojecteis.com/documents/scoping>

thanks-

Patty

**Patty McGrath | Mining Advisor**

U.S. Environmental Protection Agency, Region 10

1200 Sixth Avenue, Seattle, WA 98101

M/S: RAD-202

Office: (206) 553-6113

Cell: (206) 743-7068

[mcgrath.patricia@epa.gov](mailto:mcgrath.patricia@epa.gov)

Appointment

---

**From:** Vaughan, Molly [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=89EEE45FCEA246B78BBBB46014FE7B12-VAUGHAN, MOLLY]  
**Sent:** 6/7/2018 12:02:18 AM  
**To:** Hough, Palmer [Hough.Palmer@epa.gov]; Thiesing, Mary [Thiesing.Mary@epa.gov]; Douglas, Mark [douglas.mark@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]

**BCC:** **Conference Line/Code / Ex. 6**

**Subject:** Pebble wetlands coordination conversation

**Location:** **Conference Line/Code / Ex. 6**

**Start:** 6/12/2018 7:00:00 PM

**End:** 6/12/2018 7:30:00 PM

**Show Time As:** Tentative

**Conference Line/Code / Ex. 6**



## Appointment

---

**From:** Vaughan, Molly [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=89eee45fcea246b78bbbb46014fe7b12-Vaughan, Molly]  
**Sent:** 10/23/2018 5:29:13 PM  
**To:** McGrath, Patricia [mcgrath.patricia@epa.gov]  
**Subject:** Tentative: Pebble permit oversight/NEPA team  
**Location:** R10Sea-Room-14WallaWalla/R10-Rooms-Service-Center  
**Start:** 10/25/2018 9:00:00 PM  
**End:** 10/25/2018 10:00:00 PM  
**Show Time As:** Busy

Hi Patty – I am putting this as tentative to keep it on my calendar,

**Personal Matters / Ex. 6**

**Personal Matters / Ex. 6**

Message

---

**From:** Vaughan, Molly [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=89EEE45FCEA246B78BBB46014FE7B12-VAUGHAN, MOLLY]  
**Sent:** 4/10/2018 3:10:23 PM  
**To:** Peterson, Erik [Peterson.Erik@epa.gov]  
**Subject:** RE: BB check-in

Thanks Erik – It now appears I will not be able to make the meeting tomorrow. I will check with Jill if she can cover the NEPA scoping piece. The other agenda items can wait until next time, so please modify the NEPA portion of the agenda to just the following item:

- Extension of scoping comment deadline to June 29 and revised internal review schedule.

Thanks,  
Molly

---

**From:** Peterson, Erik  
**Sent:** Monday, April 09, 2018 3:30 PM  
**To:** Vaughan, Molly <Vaughan.Molly@epa.gov>  
**Subject:** RE: BB check-in

I can lead the call on Wednesday and thank you for the agenda items. I'll send the agenda out tomorrow afternoon.



**Erik Peterson**, NEPA Reviewer  
U.S. EPA, Region 10  
1200 Sixth Avenue, Suite 155  
Seattle, Washington 98101-3140  
(206) 553-6382

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**From:** Vaughan, Molly  
**Sent:** Monday, April 09, 2018 3:29 PM  
**To:** Peterson, Erik <Peterson.Erik@epa.gov>  
**Subject:** FW: BB check-in

Hi Erik – **Personal Matters / Ex. 6** so I was wondering if you are available to lead the BB check-in call Wednesday? I may have to call in while in-transit to the office, so not an ideal day for me to lead. Here are the NEPA Team agenda items:

- Scoping
  - o Extension of scoping comment deadline to June 29
  - o Update on public scoping meetings.
- 404 strategy meeting between EPA and Corps in May

Thanks,  
Molly

---

**From:** McGrath, Patricia  
**Sent:** Friday, April 06, 2018 2:17 PM  
**To:** Allnutt, David <Allnutt.David@epa.gov>

**Cc:** Vaughan, Molly <[Vaughan.Molly@epa.gov](mailto:Vaughan.Molly@epa.gov)>; Combes, Marcia <[Combes.Marcia@epa.gov](mailto:Combes.Marcia@epa.gov)>; Palomaki, Ashley <[Palomaki.Ashley@epa.gov](mailto:Palomaki.Ashley@epa.gov)>

**Subject:** BB check-in

Hi David-

**Personal Matters / Ex. 6**

Molly will be providing NEPA/permitting input into the check-in call on Wednesday.

Highlights for this week include:

- Corps extended scoping period to now end on June 29
- Suzanne posted a blurb on our BB site about the EIS and link to Corps' Pebble website. I informed the Corps of this.
- Additional scoping meeting added in New Stuyahok.
- Most cooperating agencies are not participating in the scoping meetings. Exception is the State who will be at the meetings next week. BSEE is attending the Homer and Anchorage meeting. The Corps is providing a conference line. Molly, Neverly, or myself will be calling into the scoping meetings to listen in (except for Homer, Anchorage, and Dillingham). Molly will attend the Anchorage meeting.
- Molly and I had a call with ORD this week. I expect we will get assistance from ORD on fisheries, transportation, and hydrology (though need to verify with hydrologists)
- Molly is off to a good start on our scoping letter
- Based on a call with the Corps today, we will be setting up a 404 strategy meeting between EPA and Corps in May. I will work on that (attendees, agenda, timing, internal strategy) when I return.

Have a good week.

Patty

**Patty McGrath | Mining Advisor**

U.S. Environmental Protection Agency, Region 10

1200 Sixth Avenue, Seattle, WA 98101

M/S: RAD-202

Office: (206) 553-6113

Cell: (206) 743-7068

[mcgrath.patricia@epa.gov](mailto:mcgrath.patricia@epa.gov)

Message

---

**From:** Vaughan, Molly [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=89EEE45FCEA246B78BBB46014FE7B12-VAUGHAN, MOLLY]  
**Sent:** 4/9/2018 8:50:07 PM  
**To:** Wright, Wendy [Wright.Wendy@epa.gov]  
**Subject:** RE: Wright, Wendy has shared 'NEPA Workload Report April 9, 2018'

Hi Wendy – the scoping period has been extended for the Pebble Project – it is now June 29. Can you update this in the workload?

Thanks,  
Molly

**From:** Wright, Wendy [mailto:no-reply@sharepointonline.com]  
**Sent:** Monday, April 09, 2018 11:07 AM  
**To:** Nogi, Jill <nogi.jill@epa.gov>; Hood, Lynne <Hood.Lynne@epa.gov>; Kubo, Teresa <Kubo.Teresa@epa.gov>; Mbabaliye, Theogene <Mbabaliye.Theogene@epa.gov>; Peterson, Erik <Peterson.Erik@epa.gov>; Somers, Elaine <somers.elaine@epa.gov>; Vaughan, Molly <Vaughan.Molly@epa.gov>; Jen, Mark <Jen.Mark@epa.gov>; Steiner-Riley, Cara <Steiner-Riley.Cara@epa.gov>; Owens, Kim <Owens.Kim@epa.gov>  
**Cc:** Wright, Wendy <Wright.Wendy@epa.gov>  
**Subject:** Wright, Wendy has shared 'NEPA Workload Report April 9, 2018'

NEPA Workload Report April 9, 2018

Open NEPA Workload Report April 9, 2018.pdf

See more related to Wright, Wendy in Delve.



Get the SharePoint mobile app!



Message

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**From:** Vaughan, Molly [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=89EEE45FCEA246B78BBBB46014FE7B12-VAUGHAN, MOLLY]  
**Sent:** 10/22/2018 6:49:34 PM  
**To:** McGrath, Patricia [mcgrath.patricia@epa.gov]  
**Subject:** RE: Pebble permit oversight/NEPA team

Hi Patty – Should we reschedule this week’s Pebble Team meeting, since it conflicts with the bilateral meeting that we are both attending?

-----Original Appointment-----

**From:** McGrath, Patricia  
**Sent:** Thursday, February 15, 2018 9:55 AM  
**To:** McGrath, Patricia; Vaughan, Molly; LaCroix, Matthew; Meade, Christopher; Godsey, Cindi; Pepple, Karl; McAlpine, Jerrold; Palomaki, Ashley; Wake, Neverley; Hough, Palmer; Maley, Timothy; Eckley, Chris; Timothy Maley (maley.timothy@epa.gov)  
**Cc:** Schofield, Kate; Thiesing, Mary; Douglas, Mark  
**Subject:** Pebble permit oversight/NEPA team  
**When:** Thursday, October 25, 2018 1:00 PM-2:00 PM (UTC-08:00) Pacific Time (US & Canada).  
**Where:** R10Sea-Room-14Elwha/R10-Rooms-Service-Center

Message

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**From:** Vaughan, Molly [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=89EEE45FCEA246B78BBBB46014FE7B12-VAUGHAN, MOLLY]  
**Sent:** 10/29/2018 6:06:20 PM  
**To:** Fordham, Tami [Fordham.Tami@epa.gov]; Wake, Neverley [wake.neverley@epa.gov]  
**Subject:** FW: request for review of Draft EIS Sections, SUSPENSE 31 OCT 2018, (UNCLASSIFIED)  
**Attachments:** Sec3.1\_IntroAE\_reviewdraft\_2018.10.16.docx

Hi Tami and Neverley. Here is the intro to Chapter 3, as we discussed. Hopefully it will help provide some more context for the TEK appendix. Sorry again for not sending this one earlier.  
--Molly

Message

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**From:** Vaughan, Molly [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=89EEE45FCEA246B78BBB46014FE7B12-VAUGHAN, MOLLY]  
**Sent:** 10/5/2018 4:17:30 PM  
**To:** McGrath, Patricia [mcgrath.patricia@epa.gov]; Peterson, Erik [Peterson.Erik@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]  
**Subject:** RE: Draft 10/9/18 Bristol Bay Check-in Agenda

Thank you Erik and Patty – I don't have any further edits

---

**From:** McGrath, Patricia  
**Sent:** Thursday, October 04, 2018 3:08 PM  
**To:** Peterson, Erik <Peterson.Erik@epa.gov>; Palomaki, Ashley <Palomaki.Ashley@epa.gov>; Vaughan, Molly <Vaughan.Molly@epa.gov>  
**Subject:** RE: Draft 10/9/18 Bristol Bay Check-in Agenda

Hi Eric-  
I made some edits directly to the text below.  
Patty

---

**From:** Peterson, Erik  
**Sent:** Thursday, October 4, 2018 2:26 PM  
**To:** McGrath, Patricia <mcgrath.patricia@epa.gov>; Palomaki, Ashley <Palomaki.Ashley@epa.gov>; Vaughan, Molly <Vaughan.Molly@epa.gov>  
**Subject:** Draft 10/9/18 Bristol Bay Check-in Agenda

Patty, Ashley and Molly,

Please give feedback on the following draft agenda by 1pm 10/5/18. Thank you!

Patty and Molly, the text below (except the Bolen briefing question) is from the 9/7 update we provided David in-lieu of meeting with him on 9/11.

### **Draft Agenda**

#### Permit Oversight/ NEPA Review Team

Timing a Brittany Bolen briefing?

#### Site Visits

- July 9 – 11: CWA 404 field verification was completed by Mark Douglas
- July 31: Site visit with some of our NEPA team (Patty, Molly, Tim, Chris) to view the mine site, proposed Lake Iliamna port sites, and portions of the proposed roads

#### NEPA/EIS document reviews - completed

- Scoping Document: In August we submitted comments on the draft scoping document that describes the significant issues raised in scoping. The final scoping document is available on the Corp's Pebble EIS website.
- Preliminary EIS Sections: In July and August, we reviewed and commented on specific portions of chapter 3 (affected environment) and chapter 4 (environmental consequences) that pertain to our areas of special expertise as identified by the Corps which includes: aesthetics, surface water hydrology, groundwater hydrology, water and sediment quality, wetlands, vegetation)

- The documents have many placeholders since there have been changes to the proposed action, alternatives have yet to be finalized, and there are numerous substantial requests for additional information where the Corps is awaiting response from PLP.
- Alternatives: On October 3, we submitted comments on draft Appendix B (Alternatives Development Process). Previously we participated in a cooperating agency meeting and provided verbal input on the alternatives development process and some of the potential alternatives.

#### NEPA/EIS document reviews – upcoming

- The Corps has indicated that they will be sending us draft DEIS sections on 11/9 with comments due by 11/21. We have requested more time for review (30 days review period).

#### Schedule

- The Corps Pebble EIS website identifies estimated dates for a draft EIS in January 2019 and a final EIS in late 2019.

#### 404(c) Team

#### FOIA

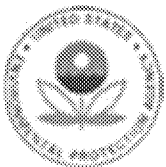
- E&E News – new request for unredacted copies
- McKeever FOIA Lawsuit – next steps
- NRDC and CNN – working with the AOs office
- Trustees for Alaska – options for Justin Schwab review
- Trustees for Alaska 2 – new FOIA
- Back-up?

#### Congressional responses

- Western Caucus (Gosar et al) – newly OW-approved, not issued
- DeFazio and Carper – just revised, based on newly OW-approved, not issued Western Caucus response
- Lamar Smith – just drafted, based on newly OW-approved, not issued Western Caucus response

#### External Correspondence

- Recent activity and approach



**Erik Peterson**, NEPA Reviewer  
 U.S. EPA, Region 10  
 1200 Sixth Avenue, Suite 155  
 Seattle, Washington 98101-3140  
 (206) 553-6382

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Message

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**From:** Vaughan, Molly [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=89EEE45FCEA246B78BBBB46014FE7B12-VAUGHAN, MOLLY]  
**Sent:** 9/19/2018 5:09:53 PM  
**To:** Peterson, Erik [Peterson.Erik@epa.gov]  
**CC:** McGrath, Patricia [mcgrath.patricia@epa.gov]  
**Subject:** RE: Bristol Bay Check-in 9/25/18 - Draft Agenda

Hi Erik – thanks for your voicemail clarifying the status of the agenda, that is what I was calling about. Sorry I was out of the office all day in training yesterday. We don't have anything new to share on several of the topics listed in the draft agenda beyond what was in the email update earlier this month. However, I think keeping them on the agenda as placeholders is fine in case David has any questions.

Thanks,  
Molly

---

**From:** Peterson, Erik  
**Sent:** Tuesday, September 18, 2018 10:24 AM  
**To:** Vaughan, Molly <Vaughan.Molly@epa.gov>  
**Subject:** Bristol Bay Check-in 9/25/18 - Draft Agenda

Molly,

Patty and Ashley are out this week and so I'm hoping you can help me finalize this BB agenda. Here is a first draft. Would be great to hear back by mid-day 9/19 if possible. Thank you!

**Draft Agenda**

Permit Oversight/ NEPA Review Team

Scoping Document

Preliminary EIS review

Alternatives

Site Visits

Schedule

404(c) Team

FOIA

Litigation hold

Representative DeFazio and Senator Carper letter response

Interest group letter to EPA

External Meetings

## External Correspondence

PLP letter, memo to file



**Erik Peterson**, NEPA Reviewer  
U.S. EPA, Region 10  
1200 Sixth Avenue, Suite 155  
Seattle, Washington 98101-3140  
(206) 553-6382

**From:** Peterson, Erik

**Sent:** Friday, September 07, 2018 3:17 PM

**To:** Fordham, Tami <[Fordham.Tami@epa.gov](mailto:Fordham.Tami@epa.gov)>; Allnutt, David <[Allnutt.David@epa.gov](mailto:Allnutt.David@epa.gov)>; Anderson-Carnahan, Linda <[Anderson-Carnahan.Linda@epa.gov](mailto:Anderson-Carnahan.Linda@epa.gov)>; McGrath, Patricia <[mcgrath.patricia@epa.gov](mailto:mcgrath.patricia@epa.gov)>; Palomaki, Ashley <[Palomaki.Ashley@epa.gov](mailto:Palomaki.Ashley@epa.gov)>; Steiner-Riley, Cara <[Steiner-Riley.Cara@epa.gov](mailto:Steiner-Riley.Cara@epa.gov)>; Lindsay, Andrea <[Lindsay.Andrea@epa.gov](mailto:Lindsay.Andrea@epa.gov)>; Skadowski, Suzanne <[Skadowski.Suzanne@epa.gov](mailto:Skadowski.Suzanne@epa.gov)>; Nogi, Jill <[nogi.jill@epa.gov](mailto:nogi.jill@epa.gov)>; Douglas, Mark <[douglas.mark@epa.gov](mailto:douglas.mark@epa.gov)>; Vaughan, Molly <[Vaughan.Molly@epa.gov](mailto:Vaughan.Molly@epa.gov)>; Hough, Palmer <[Hough.Palmer@epa.gov](mailto:Hough.Palmer@epa.gov)>; Nalven, Heidi <[Nalven.Heidi@epa.gov](mailto:Nalven.Heidi@epa.gov)>; Mendelman, Krista <[Mendelman.Krista@epa.gov](mailto:Mendelman.Krista@epa.gov)>; Stern, Allyn <[Stern.Allyn@epa.gov](mailto:Stern.Allyn@epa.gov)>

**Cc:** Detwiler, Susan K. <[detwiler.susan@epa.gov](mailto:detwiler.susan@epa.gov)>; Chu, Rebecca <[Chu.Rebecca@epa.gov](mailto:Chu.Rebecca@epa.gov)>

**Subject:** Bristol Bay Check-in 9/11/18 - Cancellation and Update

Hello,

Welcome back David! Given that you are out on September 11, we are canceling the check-in and the Bristol Bay Teams have the following update for you. We plan on having the Bristol Bay Check-in on September 25<sup>th</sup> at 9:00 am PST.

### Updates

#### Permit Oversight/ NEPA Review Team

##### Scoping Document

- EPA reviewed and commented on the draft scoping document that describes the significant issues raised in scoping. The final scoping document is available on the Corp's Pebble EIS website.

##### Preliminary EIS review

- EPA reviewed and commented on specific portions of chapter 3 (affected environment) and chapter 4 (environmental consequences) that pertain to our areas of special expertise as identified by the Corps which includes: aesthetics, surface water hydrology, groundwater hydrology, water and sediment quality, wetlands, vegetation
- The documents have many placeholders since there have been changes to the proposed action, alternatives have yet to be developed, and there are numerous substantial requests for additional information where the Corps is awaiting response from PLP.
- It is not clear whether we will be provided with another opportunity to review these chapters before the draft EIS. The Corps has indicated that there will be technical meetings in October/November to discuss comments and the impact assessment.

##### Alternatives

- The Corps is developing the range of alternatives to be analyzed in the EIS. We participated in a cooperating agency meeting and provided input. During the week of Sept 10, the Corps is to submit a detailed discussion of the alternatives selected for EIS review and rationale for those dismissed.

#### Site Visits

- July 9 – 11: CWA 404 field verification was completed by Mark Douglas
- July 31: Site visit with some of our NEPA team (Patty, Molly, Tim, Chris) to view the mine site, proposed Lake Iliamna port sites, and portions of the proposed roads.

#### Schedule

- The Corps Pebble EIS website identifies a draft EIS in January 2019 and a final EIS in late 2019.

#### 404(c) Team

#### FOIA

- NRDC and CNN FOIA: extended until end 9/28/18 as we work on ex-Administrator's office employee non-email electronic records. Making progress.
- Trustees for Alaska FOIA: interim release of Corps equities documents on 8/31 and deadline extended until 10/31/18 to facilitate coordination between R10 and HQ on the remaining documents.

#### Representative DeFazio and Senator Carper letter response

- This July 2018 letter asks for Wheeler to revoke the June 2018 memo issued by Pruitt, describe his view of proper use of 404(c) and the Mingo Logan case, and, describe current and planned EPA actions regarding Pebble.
- EPA's response was uploaded to CMS for Lee F's signature on 8/27

#### Interest group letter to EPA

- This 9/6/18 letter to EPA from 15 interest groups (including, for example, the Competitive Enterprise Institute) urges Wheeler to rescind the proposed determination and applauds the June 2018 memo issued by Pruitt.
- If this letter is controlled for a response, HQ will share a draft with R10.

#### External Meetings

- Henry Darwin met with Pebble representatives the week of 8/2/18. The 404(c) Team uploaded a note of this meeting to our external meetings folder on share point.
- We want to emphasize our interest for external meetings at all levels to be recorded with: topic, date, attendees, agenda and notes.

#### PLP letter, memo to file

- An OGC clerk has completed a summary of court decisions on challenges to agencies withdrawing proposals.



**Erik Peterson**, NEPA Reviewer  
U.S. EPA, Region 10  
1200 Sixth Avenue, Suite 155  
Seattle, Washington 98101-3140  
(206) 553-6382

-----Original Appointment-----

**From:** Peterson, Erik

**Sent:** Tuesday, June 12, 2018 4:15 PM

**To:** Fordham, Tami; Peterson, Erik; Allnutt, David; Anderson-Carnahan, Linda; McGrath, Patricia; Palomaki, Ashley; Steiner-Riley, Cara; Lindsay, Andrea; Skadowski, Suzanne; Nogi, Jill; Douglas, Mark; Vaughan, Molly; Hough, Palmer; Nalven, Heidi; Mendelman, Krista; Stern, Allyn  
**Cc:** Detwiler, Susan K.; Chu, Rebecca  
**Subject:** Bristol Bay Check-in  
**When:** Tuesday, September 11, 2018 9:00 AM-10:00 AM (UTC-08:00) Pacific Time (US & Canada).  
**Where:** R10Sea-Room-14Elwha/R10-Rooms-Service-Center

Moving the bi-weekly Bristol Bay Check-in from Wednesdays to Tuesdays at 9:00 AM PST starting July 30<sup>th</sup>.

Erik Peterson will email the agenda prior to the meeting.

### → Join by Phone

Conference Line/Code / Ex. 6

### → Meeting Organizer

Erik Peterson, USEPA (206) 553-6382 office

Message

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**From:** Vaughan, Molly [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=89EEE45FCEA246B78BBB46014FE7B12-VAUGHAN, MOLLY]  
**Sent:** 5/7/2018 11:38:32 PM  
**To:** LaCroix, Matthew [LaCroix.Matthew@epa.gov]  
**Subject:** current draft of pebble letter

<!--[if lte mso 15 || CheckWebRef]-->

Vaughan, Molly has shared a OneDrive for Business file with you. To view it, click the link below.



Pebble Project Scoping 050818 draft.docx

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<!--[endif]-->

Hi Matt – as requested

~~~~~  
Molly Vaughan  
U.S. Environmental Protection Agency Region 10  
Alaska Operations Office  
222 W. 7<sup>th</sup> Avenue #19  
Anchorage, AK 99513-7588

907-271-1215  
[vaughan.molly@epa.gov](mailto:vaughan.molly@epa.gov)  
~~~~~

Unextractable file placeholder

Message

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**From:** Vaughan, Molly [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=89EEE45FCEA246B78BBB46014FE7B12-VAUGHAN, MOLLY]  
**Sent:** 10/23/2018 6:03:37 PM  
**To:** McGrath, Patricia [mcgrath.patricia@epa.gov]; Wake, Neverley [wake.neverley@epa.gov]; Godsey, Cindi [Godsey.Cindi@epa.gov]; Pepple, Karl [Pepple.Karl@epa.gov]; McAlpine, Jerrold [McAlpine.Jay@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Maley, Timothy [maley.timothy@epa.gov]; Eckley, Chris [Eckley.Chris@epa.gov]; Barbara Butler [Butler.Barbara@epa.gov]; Douglas, Mark [douglas.mark@epa.gov]; Schofield, Kate [Schofield.Kate@epa.gov]; Thiesing, Mary [Thiesing.Mary@epa.gov]; Muche, Muluken [muche.muluken@epa.gov]; Barton, Justine [Barton.Justine@epa.gov]  
**Subject:** Pebble EIS Updates  
**Attachments:** 10\_10\_2018\_Updated\_ProjectDescription.pdf

Hello All,  
I have a few updates to share regarding the Pebble EIS.

First, the Corps plans to distribute preliminary drafts of the DEIS chapters for review in November. We expect to receive all chapters by 11/9/18, although sections may be received in advance on a rolling basis. Comments on all sections will be due 11/21/18. This will be a very tight timeframe for review, as management review of our comments will be required, so please plan to review within a few days of receipt – I will provide a specific due date once sections have been received. The Corps has said they will share all sections of the document for context, although our comments are still only requested on those specific sections we have been assigned in the Cooperating Agency Workplan (the same ones we have seen early drafts of so far).

Second, the Corps has distributed a revised project description developed by Pebble. My understanding is that this revised project description aligns with the updates to the project that we learned about earlier this year (e.g., use of lightering at Amakdedori Port), but I have not had time to read it in detail myself. I recommend reading when you have time, as it will help us prepare for review of the draft chapters in November.

Please let me know if you have any questions.

Thank you,  
Molly

~~~~~  
Molly Vaughan  
U.S. Environmental Protection Agency Region 10  
Alaska Operations Office  
222 W. 7<sup>th</sup> Avenue #19  
Anchorage, AK 99513-7588

907-271-1215  
[vaughan.molly@epa.gov](mailto:vaughan.molly@epa.gov)  
~~~~~

Message

---

**Sent:** 10/23/2018 5:47:53 PM  
**To:** McGrath, Patricia [mcgrath.patricia@epa.gov]; Wake, Neverley [wake.neverley@epa.gov]; Godsey, Cindi [Godsey.Cindi@epa.gov]; Pepple, Karl [Pepple.Karl@epa.gov]; McAlpine, Jerrold [McAlpine.Jay@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Maley, Timothy [maley.timothy@epa.gov]; Eckley, Chris [Eckley.Chris@epa.gov]; Barbara Butler (Butler.Barbara@epa.gov) [Butler.Barbara@epa.gov]; Douglas, Mark [douglas.mark@epa.gov]; Schofield, Kate [Schofield.Kate@epa.gov]; Thiesing, Mary [Thiesing.Mary@epa.gov]; Muche, Muluken [muche.muluken@epa.gov]; Barton, Justine [Barton.Justine@epa.gov]  
**Subject:** Pebble EIS Updates  
**Attachments:** 10\_10\_2018\_Updated\_ProjectDescription.pdf

Hello All,  
I have a few updates to share regarding the Pebble EIS. First, Pebble



Message

---

**Sent:** 10/23/2018 6:00:01 PM  
**To:** McGrath, Patricia [mcgrath.patricia@epa.gov]; Wake, Neverley [wake.neverley@epa.gov]; Godsey, Cindi [Godsey.Cindi@epa.gov]; Pepple, Karl [Pepple.Karl@epa.gov]; McAlpine, Jerrold [McAlpine.Jay@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Maley, Timothy [maley.timothy@epa.gov]; Eckley, Chris [Eckley.Chris@epa.gov]; Barbara Butler (Butler.Barbara@epa.gov) [Butler.Barbara@epa.gov]; Douglas, Mark [douglas.mark@epa.gov]; Schofield, Kate [Schofield.Kate@epa.gov]; Thiesing, Mary [Thiesing.Mary@epa.gov]; Muche, Muluken [muche.muluken@epa.gov]; Barton, Justine [Barton.Justine@epa.gov]  
**Subject:** Pebble EIS Updates  
**Attachments:** 10\_10\_2018\_Updated\_ProjectDescription.pdf

Hello All,  
I have a few updates to share regarding the Pebble EIS.

First, the Corps plans to distribute preliminary drafts of the DEIS chapters for review in November. We expect to receive all chapters by 11/9/18, although sections may be received in advance on a rolling basis. Comments on all sections will be due 11/21/18. This will be a very tight timeframe for review, as management review of our comments will be required, so please plan to review

Second, the Corps has distributed a revised project description developed by Pebble. My understanding is that this revised project description is generally in line with the updates to the project that we learned about earlier this year (e.g., use of lightering at Amakdedori Port), but I have not had time to read it in detail myself. I would recommend reading when you have time, as it will help us prepare for review of the draft chapters in November.

Message

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**Sent:** 10/23/2018 5:51:03 PM  
**To:** McGrath, Patricia [mcgrath.patricia@epa.gov]; Wake, Neverley [wake.neverley@epa.gov]; Godsey, Cindi [Godsey.Cindi@epa.gov]; Pepple, Karl [Pepple.Karl@epa.gov]; McAlpine, Jerrold [McAlpine.Jay@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Maley, Timothy [maley.timothy@epa.gov]; Eckley, Chris [Eckley.Chris@epa.gov]; Barbara Butler (Butler.Barbara@epa.gov) [Butler.Barbara@epa.gov]; Douglas, Mark [douglas.mark@epa.gov]; Schofield, Kate [Schofield.Kate@epa.gov]; Thiesing, Mary [Thiesing.Mary@epa.gov]; Muche, Muluken [muche.muluken@epa.gov]; Barton, Justine [Barton.Justine@epa.gov]  
**Subject:** Pebble EIS Updates  
**Attachments:** 10\_10\_2018\_Updated\_ProjectDescription.pdf

Hello All,

I have a few updates to share regarding the Pebble EIS. First, the Corps has distributed a revised project description developed by Pebble

Message

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**Sent:** 10/23/2018 6:06:25 PM  
**To:** McGrath, Patricia [mcgrath.patricia@epa.gov]; Wake, Neverley [wake.neverley@epa.gov]; Godsey, Cindi [Godsey.Cindi@epa.gov]; Pepple, Karl [Pepple.Karl@epa.gov]; McAlpine, Jerrold [McAlpine.Jay@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Maley, Timothy [maley.timothy@epa.gov]; Eckley, Chris [Eckley.Chris@epa.gov]; Barbara Butler (Butler.Barbara@epa.gov) [Butler.Barbara@epa.gov]; Douglas, Mark [douglas.mark@epa.gov]; Schofield, Kate [Schofield.Kate@epa.gov]; Thiesing, Mary [Thiesing.Mary@epa.gov]; Muche, Muluken [muche.muluken@epa.gov]; Barton, Justine [Barton.Justine@epa.gov]  
**Subject:** Pebble EIS Updates  
**Attachments:** 10\_10\_2018\_Updated\_ProjectDescription.pdf

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Please let me know if you have any questions.  
Thank you,  
Molly

~~~~~  
Molly Vaughan  
U.S. Environmental Protection Agency Region 10  
Alaska Operations Office  
222 W. 7<sup>th</sup> Avenue #19  
Anchorage, AK 99513-7588

907-271-1215  
[vaughan.molly@epa.gov](mailto:vaughan.molly@epa.gov)  
~~~~~

Message

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**Sent:** 10/23/2018 6:04:01 PM  
**To:** McGrath, Patricia [mcgrath.patricia@epa.gov]; Wake, Neverley [wake.neverley@epa.gov]; Godsey, Cindi [Godsey.Cindi@epa.gov]; Pepple, Karl [Pepple.Karl@epa.gov]; McAlpine, Jerrold [McAlpine.Jay@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Maley, Timothy [maley.timothy@epa.gov]; Eckley, Chris [Eckley.Chris@epa.gov]; Barbara Butler (Butler.Barbara@epa.gov) [Butler.Barbara@epa.gov]; Douglas, Mark [douglas.mark@epa.gov]; Schofield, Kate [Schofield.Kate@epa.gov]; Thiesing, Mary [Thiesing.Mary@epa.gov]; Muche, Muluken [muche.muluken@epa.gov]; Barton, Justine [Barton.Justine@epa.gov]  
**Subject:** Pebble EIS Updates  
**Attachments:** 10\_10\_2018\_Updated\_ProjectDescription.pdf

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## Appointment

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**To:** Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Bennett, Brittany [bennett.brittany@epa.gov]; Ortiz, Michael [Ortiz.Michael@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Whitley, Annie [Whitley.Annie@epa.gov]; Wake, Neverley [wake.neverley@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Herbst, John [herbst.john@epa.gov]; Peterson, Erik [Peterson.Erik@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Wehling, Carrie [Wehling.Carrie@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Bennett, Brittany [bennett.brittany@epa.gov]; Ortiz, Michael [Ortiz.Michael@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Whitley, Annie [Whitley.Annie@epa.gov]; Wake, Neverley [wake.neverley@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Herbst, John [herbst.john@epa.gov]

**Location:** R10Sea-Room-14WallaWalla/R10-Rooms-Service-Center

**Start:** 11/13/2018 8:30:00 PM

**End:** 11/13/2018 9:30:00 PM

**Show Time As:** Tentative

**Recurrence:** (none)  
every Tuesday from 12:30 PM to 1:30 PM

### Agenda

FOIA

NEPA Coordination

Congressional Correspondence

### → Join by Phone

Conference Line/Code / Ex.

### → Meeting Organizer

Erik Peterson, USEPA (206) 553-6382 office

## Appointment

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**To:** Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Bennett, Brittany [bennett.brittany@epa.gov]; Ortiz, Michael [Ortiz.Michael@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Whitley, Annie [Whitley.Annie@epa.gov]; Wake, Neverley [wake.neverley@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Herbst, John [herbst.john@epa.gov]; Peterson, Erik [Peterson.Erik@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Wehling, Carrie [Wehling.Carrie@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Bennett, Brittany [bennett.brittany@epa.gov]; Ortiz, Michael [Ortiz.Michael@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Whitley, Annie [Whitley.Annie@epa.gov]; Wake, Neverley [wake.neverley@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Herbst, John [herbst.john@epa.gov]

**Location:** R10Sea-Room-14WallaWalla/R10-Rooms-Service-Center

**Start:** 11/20/2018 8:30:00 PM

**End:** 11/20/2018 9:30:00 PM

**Show Time As:** Tentative

**Recurrence:** (none)  
every Tuesday from 12:30 PM to 1:30 PM

BB 404c Team,

I propose we meet on 11/20. See agenda below. Happy to hear feedback on the agenda.

### Deliberative Process / Ex. 5

A huge ongoing thank you for your engagement on this important project.

#### Agenda

NEPA/404c coordination

Competitive Enterprise Institute Information Quality Act Request for Correction or Withdrawal Regarding Bristol Bay Watershed Assessment

#### FOIA

- E&E News (011614)
- McKeaver FOIA Lawsuit
- Trustees for Alaska 2 (0135)
- HQ FOIA Role

#### Congressional correspondence

- Western Caucus (Gosar et al) – Forsgren signed final sent 9/16/18
- Lamar Smith – nearly identical Forsgren signed final sent 10/18/18
- DeFazio and Carper – in process

June 2018 memo on 404c regulation revisions

External meeting

- 11/14/18 Forsgren, PLP and other BB stakeholders

**→ Join by Phone**

**Conference Line/Code / Ex. 6**

**→ Meeting Organizer**

Erik Peterson, USEPA (206) 553-6382 office

## Appointment

---

**To:** Peterson, Erik [Peterson.Erik@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]; Wehling, Carrie [Wehling.Carrie@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Bennett, Brittany [bennett.brittany@epa.gov]; Ortiz, Michael [Ortiz.Michael@epa.gov]; Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]; Lindsay, Andrea [Lindsay.Andrea@epa.gov]; Whitley, Annie [Whitley.Annie@epa.gov]; Wake, Neverley [wake.neverley@epa.gov]; Hough, Palmer [Hough.Palmer@epa.gov]; Herbst, John [herbst.john@epa.gov]

**Location:** R10Sea-Room-14WallaWalla/R10-Rooms-Service-Center

**Start:** 11/27/2018 8:30:00 PM

**End:** 11/27/2018 9:30:00 PM

**Show Time As:** Tentative

**Recurrence:** (none)  
every Tuesday from 12:30 PM to 1:30 PM

We have enough going on where having the call will be helpful. Thank you for making the call if you can.

### Agenda

NEPA preliminary EIS comments

FOIA

Information Quality Act Request for Correction or Withdrawal

June 2018 memo on 404c

DeFazio and Carper response

### → Join by Phone

Conference Line/Code / Ex. 6

### → Meeting Organizer

Erik Peterson, USEPA (206) 553-6382 office



## Appointment

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**From:** Wehling, Carrie [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E3E55F11FDC7489698BE69849B301DA6-CWEHLING]  
**Sent:** 6/15/2018 4:55:49 PM  
**To:** Wehling, Carrie [Wehling.Carrie@epa.gov]; Neugeboren, Steven [Neugeboren.Steven@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]  
**Subject:** pre-meet re Pebble letter  
**Location:** Steve's office  
**Start:** 6/15/2018 6:00:00 PM  
**End:** 6/15/2018 6:30:00 PM  
**Show Time As:** Busy

Message

---

**From:** Wehling, Carrie [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E3E55F11FDC7489698BE69849B301DA6-CWEHLING]  
**Sent:** 5/22/2018 3:20:51 PM  
**To:** Nalven, Heidi [Nalven.Heidi@epa.gov]  
**Subject:** RE: Bristol Bay

Thank you!!

Caroline (Carrie) Wehling  
Assistant General Counsel  
Water Law Office  
U.S. Environmental Protection Agency  
Washington DC 20004  
202-564-5492  
wehling.carrie@epa.gov

---

**From:** Nalven, Heidi  
**Sent:** Tuesday, May 22, 2018 10:04 AM  
**To:** Fotouhi, David <Fotouhi.David@epa.gov>; Neugeboren, Steven <Neugeboren.Steven@epa.gov>; Wehling, Carrie <Wehling.Carrie@epa.gov>  
**Subject:** RE: Bristol Bay

Hi David – Below is a status update of PLP's permit application. I have attached the FR notice I quoted from just in case you wanted to see it. Carrie mentioned that the Congressional Western Caucus is coming in for a meeting. I wanted to make sure you were of the attached letter from some Caucus members. OW is currently preparing a draft response. Also, as you may recall, staff worked on a paper responding to PLP's most recent letters. We wanted to see when might be a good time to send that paper to you.

Heidi

+++++

- Pebble's permit application is currently in the NEPA scoping phase.
- Substance: The Corps' public notice announcing its intent to issue the EIS explained that "[s]coping is conducted to assist in determining the scope of analysis, significant issues and alternatives to be analyzed in depth in the DEIS."
  - The Corps' public notice indicated that the draft EIS will identify a range of alternatives and evaluate reasonable and practicable alternatives, including "the no action alternative, the applicant's proposed alternative, alternative mine locations and mine plans, alternative mining methods and processes, alternatives that may result in avoidance and minimization of impacts, and mitigation measures not in the proposed action."
  - The notice identified significant issues that will be analyzed in the draft EIS related to the effects of the proposed Pebble mine and associated infrastructure construction, operation and closure. These significant issues include "wetlands, water quality, air quality, hazardous materials, fish and wildlife, vegetation, cultural resources, food production, land use, needs and welfare of the people (socioeconomics including commercial fishing and tourism), recreation, general environmental concerns, historic properties, navigation, and safety."
- Process: The Corps' public scoping period ends on June 29, 2018.
  - Region 10 is preparing a draft scoping letter.
  - The draft letter will come to headquarters (OW, OFA and OGC) for review June 4<sup>th</sup>-June 12<sup>th</sup>.

**Heidi Nalven**

U.S. EPA Office of General Counsel  
202-564-3189

---

**From:** Fotouhi, David

**Sent:** Monday, May 21, 2018 7:29 PM

**To:** Neugeboren, Steven <[Neugeboren.Steven@epa.gov](mailto:Neugeboren.Steven@epa.gov)>; Wehling, Carrie <[Wehling.Carrie@epa.gov](mailto:Wehling.Carrie@epa.gov)>; Nalven, Heidi <[Nalven.Heidi@epa.gov](mailto:Nalven.Heidi@epa.gov)>

**Subject:** Bristol Bay

Could you provide me with any recent updates on Bristol Bay, including the status of Pebble's permit application with the Corps, by tomorrow at noon? Thank you.

**David Fotouhi**

Deputy General Counsel  
Office of General Counsel  
U.S. Environmental Protection Agency  
Tel: +1 202.564.1976  
[fotouhi.david@epa.gov](mailto:fotouhi.david@epa.gov)

Message

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**From:** Wehling, Carrie [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E3E55F11FDC74896988BE69849B301DA6-CWEHLING]  
**Sent:** 4/9/2018 2:03:41 PM  
**To:** Neugeboren, Steven [Neugeboren.Steven@epa.gov]  
**Subject:** can't print so here's my weekly  
**Attachments:** Events for this week.docx

Caroline (Carrie) Wehling  
Assistant General Counsel  
Water Law Office  
U.S. Environmental Protection Agency  
Washington DC 20004  
202-564-5492  
wehling.carrie@epa.gov

Events for this week

Carrie's PG

Apr 9-13

**Non-Responsive: Unrelated to Bristol Bay/Pebble Mine**

- Bristol Bay – **Deliberative Process / Ex. 5** scoping extended to end of June

**Non-Responsive: Unrelated to Bristol Bay/Pebble Mine**

**Non-Responsive: Unrelated to Bristol Bay/Pebble Mine**

## Appointment

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**From:** Wehling, Carrie [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E3E55F11FDC7489698BE69849B301DA6-CWEHLING]  
**Sent:** 6/15/2018 4:55:51 PM  
**To:** Neugeboren, Steven [Neugeboren.Steven@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov]  
**Subject:** pre-meet re Pebble letter  
**Location:** Steve's office  
  
**Start:** 6/15/2018 6:00:00 PM  
**End:** 6/15/2018 6:30:00 PM  
**Show Time As:** Tentative

Message

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**From:** Wehling, Carrie [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E3E55F11FDC7489698BE69849B301DA6-CWEHLING]  
**Sent:** 6/5/2018 2:00:03 AM  
**To:** Nalven, Heidi [Nalven.Heidi@epa.gov]  
**Subject:** Pebble meeting

Steve and I discussed and talked to David and are comfortable with you and David going, and not Steve or me. Will be anxious to hear how it goes. Thanks.

Sent from my iPhone



Message

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**From:** Wehling, Carrie [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E3E55F11FDC7489698BE69849B301DA6-CWEHLING]  
**Sent:** 4/30/2018 3:55:41 PM  
**To:** Neugeboren, Steven [Neugeboren.Steven@epa.gov]; Schroer, Lee [schroer.lee@epa.gov]; Levine, MaryEllen [levine.maryellen@epa.gov]  
**Subject:** my events for this week -- for PGL  
**Attachments:** Events for this week.docx

Caroline (Carrie) Wehling  
Assistant General Counsel  
Water Law Office  
U.S. Environmental Protection Agency  
Washington DC 20004  
202-564-5492  
wehling.carrie@epa.gov

Events for this week

Carrie's PG

Apr 30-May 4

**Non-Responsive: Unrelated to Bristol Bay/Pebble Mine**

- David F matters
  - Bristol Bay letters

**Non-Responsive: Unrelated to Bristol Bay/Pebble Mine**

- Bristol Bay – **Deliberative Process / Ex. 5** scoping extended to end of June; followup on letters with David

**Non-Responsive: Unrelated to Bristol Bay/Pebble Mine**

**Non-Responsive: Unrelated to Bristol Bay/Pebble Mine**

## Appointment

---

**From:** Hladick, Christopher [hladick.christopher@epa.gov]  
**Sent:** 1/4/2018 10:18:35 PM  
**To:** Hladick, Christopher [hladick.christopher@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; jiani@perkinscoie.com  
**CC:** Stern, Allyn [Stern.Allyn@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]  
**Subject:** EPA/Pebble Limited Partnership Meeting  
**Location:** EPA Offices  
**Start:** 2/8/2018 5:00:00 PM  
**End:** 2/8/2018 6:00:00 PM  
**Show Time As:** Busy

## Appointment

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**From:** Allnutt, David [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=6E28F5BF9CBF4B8B9EDA7751C2F10750-ALLNUTT, DAVID]  
**Sent:** 2/5/2018 5:58:18 PM  
**To:** Hladick, Christopher [hladick.christopher@epa.gov]  
**Subject:** Accepted: EPA/Pebble Limited Partnership Meeting  
**Location:** EPA Offices  
**Start:** 2/8/2018 5:00:00 PM  
**End:** 2/8/2018 6:00:00 PM  
**Show Time As:** Busy

## Appointment

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**From:** Allnutt, David [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=6E28F5BF9CBF4B8B9EDA7751C2F10750-ALLNUTT, DAVID]  
**Sent:** 1/19/2018 8:13:48 PM  
**To:** McGrath, Patricia [mcgrath.patricia@epa.gov]  
**Subject:** FW: EPA/Pebble Limited Partnership Meeting  
**Location:** EPA Offices  
**Start:** 2/8/2018 5:00:00 PM  
**End:** 2/8/2018 6:00:00 PM  
**Show Time As:** Tentative

## Appointment

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**From:** Allnutt, David [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=6E28F5BF9CBF4B8B9EDA7751C2F10750-ALLNUTT, DAVID]  
**Sent:** 1/4/2018 10:25:28 PM  
**To:** Hladick, Christopher [hladick.christopher@epa.gov]  
**Subject:** Accepted: HOLD: EPA/Pebble Limited Partnership Meeting  
**Location:** EPA Offices  
**Start:** 2/8/2018 5:00:00 PM  
**End:** 2/8/2018 6:00:00 PM  
**Show Time As:** Busy

## Appointment

---

**From:** Hladick, Christopher [hladick.christopher@epa.gov]  
**Sent:** 1/4/2018 10:18:35 PM  
**To:** Hladick, Christopher [hladick.christopher@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; jiani@perkinscoie.com  
**CC:** Stern, Allyn [Stern.Allyn@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]  
**Subject:** EPA/Pebble Limited Partnership Meeting  
**Location:** EPA Offices  
**Start:** 2/8/2018 5:00:00 PM  
**End:** 2/8/2018 6:00:00 PM  
**Show Time As:** Busy

**Location:** EPA Offices, 1200 6<sup>th</sup> Avenue (Park Place Building at corner of 6<sup>th</sup> & University). Please check in at the security desk on the first floor. For questions/assistance, please contact us at 206-553-1234.

- Attendees on behalf of Pebble Limited Partnership: John Shively, Peter Robertson, James Fuego, and John Iani.
- Attendees on behalf of EPA: Chris Hladick, David Allnutt, Allyn Stern, Ashley Palomaki, Patty McGrath

POC: John Iani, Perkins Coie LLP; cell 206-412-5531; [Jiani@perkinscoie.com](mailto:Jiani@perkinscoie.com)



Message

---

**From:** Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]  
**Sent:** 1/8/2018 10:59:30 PM  
**To:** jiani@perkinscoie.com; Tyson, Linda [Tyson.Linda@epa.gov]  
**CC:** Allnutt, David [Allnutt.David@epa.gov]; Tyler, Kendra [Tyler.Kendra@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Stern, Allyn [Stern.Allyn@epa.gov]  
**Subject:** RE: Pebble Limited Partnership meeting request

Hi John—

Just wanted to give you Ashley Palomaki's contact information. Ashley is ORC's lead attorney on Pebble. Her phone number is 206-553-8582. She will be at the meeting as well and you will be able to meet her then. Thanks! Cara

---

**From:** Iani, L. John (Perkins Coie) [mailto:Jlani@perkinscoie.com]  
**Sent:** Monday, January 08, 2018 9:14 AM  
**To:** Tyson, Linda <Tyson.Linda@epa.gov>  
**Cc:** Steiner-Riley, Cara <Steiner-Riley.Cara@epa.gov>; Allnutt, David <Allnutt.David@epa.gov>; Tyler, Kendra <Tyler.Kendra@epa.gov>  
**Subject:** RE: Pebble Limited Partnership meeting request

Good Morning Linda,

That time and date will work fine. Thank you for making it available. I will send the final list of attendees later.

John

**L. John Iani | Perkins Coie LLP**  
PARTNER  
1201 Third Avenue Suite 4900  
Seattle, WA 98101-3099  
D. +1 206.359.6689  
F. +1.206.359.7689  
E. [Jlani@perkinscoie.com](mailto:Jlani@perkinscoie.com)

---

**From:** Tyson, Linda [mailto:Tyson.Linda@epa.gov]  
**Sent:** Thursday, January 04, 2018 2:18 PM  
**To:** Iani, L. John (SEA)  
**Cc:** Steiner-Riley, Cara; Allnutt, David; Tyler, Kendra  
**Subject:** RE: Pebble Limited Partnership meeting request

Hi John,

We can make 9:00-10:00am on the 8<sup>th</sup> work – please confirm if this is good and I'll send out a calendar invite.

LT

---

**From:** Iani, L. John (Perkins Coie) [mailto:Jlani@perkinscoie.com]  
**Sent:** Thursday, January 4, 2018 1:15 PM  
**To:** Tyson, Linda <Tyson.Linda@epa.gov>  
**Cc:** Steiner-Riley, Cara <Steiner-Riley.Cara@epa.gov>; Allnutt, David <Allnutt.David@epa.gov>; Tyler, Kendra <Tyler.Kendra@epa.gov>  
**Subject:** RE: Pebble Limited Partnership meeting request

Hi Linda,

Can we try to set the meeting for February 8? (Feb 7 will also work, but the 8<sup>th</sup> is much better). We don't have our "team" fully identified yet but wanted to get the date set.

Thank you,

John

**L. John Iani | Perkins Coie LLP**

PARTNER

1201 Third Avenue Suite 4900

Seattle, WA 98101-3099

D. +1.206.359.6669

F. +1.206.359.7689

E. [JLani@perkinscoie.com](mailto:JLani@perkinscoie.com)

---

**From:** Tyson, Linda [<mailto:Tyson.Linda@epa.gov>]  
**Sent:** Wednesday, January 03, 2018 4:09 PM  
**To:** Iani, L. John (SEA)  
**Cc:** Steiner-Riley, Cara; Allnutt, David; Tyler, Kendra  
**Subject:** RE: Pebble Limited Partnership meeting request

Hi John,

My apologies for the delay in getting back to you. We'd like to move forward with your meeting request. Chris has some limited availability next week: 1/10 at 11am or 4pm; or we can look at scheduling for the first full week in February.

Please let us know what works for your schedule and I can send an outlook invite.

Thanks,

LT



Linda Tyson, Executive Assistant  
Office of the Regional Administrator  
U.S. EPA, Region 10  
1200 Sixth Avenue, Mail Stop RA-210  
Seattle, Washington 98101-3140  
(206) 553-1327

---

---

**From:** Allnutt, David  
**Sent:** Friday, December 8, 2017 2:12 PM  
**To:** [jjani@perkinscoie.com](mailto:jjani@perkinscoie.com)  
**Cc:** R10-ORA <[R10-ORA@epa.gov](mailto:R10-ORA@epa.gov)>; Steiner-Riley, Cara <[Steiner-Riley.Cara@epa.gov](mailto:Steiner-Riley.Cara@epa.gov)>  
**Subject:** Pebble Limited Partnership meeting request

John – good talking with you earlier today. I've figured out that RA's office does have a system in place for receiving external meeting requests; by cc'ing the R10-ORA mailbox with this message, I'm placing your request for PLP to meet with Chris into the queue. Linda Tyson will follow up with you on the timing and logistics for such a meeting. As you and I discussed, it seems unlikely that we could accommodate such a meeting before January. As we also discussed, we

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**R. David Allnutt**, Director  
Office of Environmental Review and Assessment  
U.S. EPA, Region 10  
1200 Sixth Avenue, Suite 900  
Seattle, Washington 98101-3140  
(206) 553-2581



---

**From:** Iani, L. John (Perkins Coie) [<mailto:Jiani@perkinscoie.com>]

**Sent:** Friday, December 08, 2017 9:06 AM

**To:** Allnutt, David <[Allnutt.David@epa.gov](mailto:Allnutt.David@epa.gov)>

**Subject:**

Morning Dave,

Can you please give me a call, today if possible, on my cell-.

Thanks,

John

**L. John Iani | Perkins Coie LLP**

PARTNER

1201 Third Avenue Suite 4900

Seattle, WA 98101-3099

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E. [Jiani@perkinscoie.com](mailto:Jiani@perkinscoie.com)

---

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Message

---

**From:** Tyson, Linda [Tyson.Linda@epa.gov]  
**Sent:** 1/4/2018 10:17:38 PM  
**To:** jiani@perkinscoie.com  
**CC:** Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; Tyler, Kendra [Tyler.Kendra@epa.gov]  
**Subject:** RE: Pebble Limited Partnership meeting request

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LT

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**From:** Iani, L. John (Perkins Coie) [mailto:Jlani@perkinscoie.com]  
**Sent:** Thursday, January 4, 2018 1:15 PM  
**To:** Tyson, Linda <Tyson.Linda@epa.gov>  
**Cc:** Steiner-Riley, Cara <Steiner-Riley.Cara@epa.gov>; Allnutt, David <Allnutt.David@epa.gov>; Tyler, Kendra <Tyler.Kendra@epa.gov>  
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John

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E. [Jlani@perkinscoie.com](mailto:Jlani@perkinscoie.com)

---

**From:** Tyson, Linda [mailto:Tyson.Linda@epa.gov]  
**Sent:** Wednesday, January 03, 2018 4:09 PM  
**To:** Iani, L. John (SEA)  
**Cc:** Steiner-Riley, Cara; Allnutt, David; Tyler, Kendra  
**Subject:** RE: Pebble Limited Partnership meeting request

Hi John,

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Linda Tyson, Executive Assistant  
Office of the Regional Administrator  
U.S. EPA, Region 10  
1200 Sixth Avenue, Mail Stop RA-210  
Seattle, Washington 98101-3140  
(206) 553-1327

---

**From:** Allnutt, David  
**Sent:** Friday, December 8, 2017 2:12 PM  
**To:** [jlani@perkinscoie.com](mailto:jlani@perkinscoie.com)  
**Cc:** R10-ORA <[R10-ORA@epa.gov](mailto:R10-ORA@epa.gov)>; Steiner-Riley, Cara <[Steiner-Riley.Cara@epa.gov](mailto:Steiner-Riley.Cara@epa.gov)>  
**Subject:** Pebble Limited Partnership meeting request

John – good talking with you earlier today. I’ve figured out that RA’s office does have a system in place for receiving external meeting requests; by cc’ing the R10-ORA mailbox with this message, I’m placing your request for PLP to meet with Chris into the queue. Linda Tyson will follow up with you on the timing and logistics for such a meeting. As you and I discussed, it seems unlikely that we could accommodate such a meeting before January. As we also discussed, we would expect that a few Regional program staff and attorneys would participate in PLP’s meeting with Chris, and we may look for an opportunity to have a technical staff-level meeting before PLP meets with him.

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R. David Allnutt, Director  
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Message

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**Sent:** 1/4/2018 12:20:28 AM  
**To:** Tyson, Linda [Tyson.Linda@epa.gov]  
**CC:** Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; Tyler, Kendra [Tyler.Kendra@epa.gov]  
**Subject:** RE: Pebble Limited Partnership meeting request

Thank you Linda. We will check schedules and get back to you shortly.

Happy New Year!

John

**L. John Iani | Perkins Coie LLP**

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1201 Third Avenue Suite 4900  
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EPA-0135-0006425



Message

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**From:** Tyson, Linda [Tyson.Linda@epa.gov]  
**Sent:** 1/4/2018 12:09:19 AM  
**To:** jiani@perkinscoie.com  
**CC:** Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; Tyler, Kendra [Tyler.Kendra@epa.gov]  
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**Sent:** Friday, December 8, 2017 2:12 PM  
**To:** jiani@perkinscoie.com  
**Cc:** R10-ORA <R10-ORA@epa.gov>; Steiner-Riley, Cara <Steiner-Riley.Cara@epa.gov>  
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Office of Environmental Review and Assessment

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**From:** Iani, L. John (Perkins Coie) [<mailto:Jiani@perkinscoie.com>]  
**Sent:** Friday, December 08, 2017 9:06 AM  
**To:** Allnutt, David <[Allnutt.David@epa.gov](mailto:Allnutt.David@epa.gov)>  
**Subject:**

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PARTNER  
1201 Third Avenue Suite 4000  
Seattle, WA 98101-3090  
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---

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## Appointment

---

**From:** Allnutt, David [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=6E28F5BF9CBF4B8B9EDA7751C2F10750-ALLNUTT, DAVID]  
**Sent:** 1/19/2018 8:13:48 PM  
**To:** McGrath, Patricia [mcgrath.patricia@epa.gov]  
**Subject:** FW: EPA/Pebble Limited Partnership Meeting  
**Location:** EPA Offices  
**Start:** 2/8/2018 5:00:00 PM  
**End:** 2/8/2018 6:00:00 PM  
**Show Time As:** Tentative

-----Original Appointment-----

**From:** Hladick, Christopher  
**Sent:** Thursday, January 04, 2018 2:19 PM  
**To:** Hladick, Christopher; Allnutt, David; Steiner-Riley, Cara; jiani@perkinscoie.com  
**Cc:** Stern, Allyn; Palomaki, Ashley  
**Subject:** EPA/Pebble Limited Partnership Meeting  
**When:** Thursday, February 08, 2018 9:00 AM-10:00 AM (UTC-08:00) Pacific Time (US & Canada).  
**Where:** EPA Offices

**Location:** EPA Offices, 1200 6<sup>th</sup> Avenue (Park Place Building at corner of 6<sup>th</sup> & University). Please check in at the security desk on the first floor. For questions/assistance, please contact us at 206-553-1234.

**POC:** L. John Iani | Perkins Coie LLP  
1201 Third Avenue Suite 4900  
Seattle, WA 98101-3099  
D. +1.206.359.6689  
F. +1.206.359.7689  
E. [ljiani@perkinscoie.com](mailto:ljiani@perkinscoie.com)

## Appointment

---

**From:** Microsoft Outlook [MicrosoftExchange329e71ec88ae4615bbc36ab6ce41109e@usepa.onmicrosoft.com]  
**Sent:** 1/22/2018 6:15:46 PM  
**To:** Forsgren, Lee [Forsgren.Lee@epa.gov]  
**Subject:** Meeting Forward Notification: TO BE RESCHEDULED: Meeting with Pebble Partnership  
**Location:** 1201 Constitution Ave NW, Washington DC 20004 WJCE 3219B Please call 202-564-5700 for escort  
**Start:** 1/23/2018 4:00:00 PM  
**End:** 1/23/2018 4:45:00 PM  
**Recurrence:** (none)

## Appointment

---

**From:** Penman, Crystal [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=93662678A6FD4D4695C3DF22CD95935A-PENMAN, CRYSTAL]  
**Sent:** 2/6/2018 8:37:55 PM  
**To:** Forsgren, Lee [Forsgren.Lee@epa.gov]; peterrobertson@pebblepartnership.com  
**Subject:** Meeting with Peter Robertson  
**Location:** 1201 Constitution Ave NW, Washington DC 20460 WJCE 3219B Please call 202-564-5700 for escort  
**Start:** 2/15/2018 7:00:00 PM  
**End:** 2/15/2018 7:45:00 PM  
**Show Time As:** Busy

## Appointment

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**From:** Peter Robertson [peterrobertson@pebblepartnership.com]  
**Sent:** 2/12/2018 2:51:28 PM  
**To:** Forsgren, Lee [Forsgren.Lee@epa.gov]  
**Subject:** Accepted: Meeting with Peter Robertson  
**Location:** 1201 Constitution Ave NW, Washington DC 20460 WJCE 3219B Please call 202-564-5700 for escort  
**Start:** 2/15/2018 7:00:00 PM  
**End:** 2/15/2018 7:45:00 PM  
**Show Time As:** Busy  
  
**Recurrence:** (none)

## Appointment

---

**From:** Peter Robertson [peterrobertson@pebblepartnership.com]  
**Sent:** 1/11/2018 1:00:04 PM  
**To:** Forsgren, Lee [Forsgren.Lee@epa.gov]  
**Subject:** Accepted: Meeting with Pebble Partnership  
**Location:** 1201 Constitution Ave NW, Washington DC 20004 WJCE 3219B Please call 202-564-5700 for escort  
**Start:** 1/23/2018 4:00:00 PM  
**End:** 1/23/2018 4:45:00 PM  
**Show Time As:** Busy  
  
**Recurrence:** (none)

## Appointment

---

**From:** Penman, Crystal [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=93662678A6FD4D4695C3DF22CD95935A-PENMAN, CRYSTAL]  
**Sent:** 2/6/2018 8:37:55 PM  
**To:** Forsgren, Lee [Forsgren.Lee@epa.gov]; peterrobertson@pebblepartnership.com  
**Subject:** Meeting with Peter Robertson  
**Attachments:** Real ID Information.pdf  
**Location:** 1201 Constitution Ave NW, Washington DC 20460 WJCE 3219B Please call 202-564-5700 for escort  
**Start:** 2/15/2018 7:00:00 PM  
**End:** 2/15/2018 7:45:00 PM  
**Show Time As:** Busy



Message

---

**From:** Peter Robertson [peterrobertson@pebblepartnership.com]  
**Sent:** 2/2/2018 8:19:12 PM  
**To:** Penman, Crystal [Penman.Crystal@epa.gov]; Edwards, Crystal [Edwards.Crystal@epa.gov]  
**CC:** Forsgren, Lee [Forsgren.Lee@epa.gov]  
**Subject:** meeting with Lee Forsgren

Dear Crystal,

The meeting for Tom Collier and me with Lee Forsgren, previously scheduled for January 23, had to be canceled because of scheduling difficulties.

If possible, I would like to come in to see Lee next week. If for any reason that is not possible, Mr. Collier will be here the entire week of the February 12, and I would like to bring him in to meet Lee during that week. He is available any day that week.

There is significant urgency to this issue, because EPA's recent decision has caused the price of our stock to drop some 50%. The survival of this company is genuinely at risk. We need to speak with Mr. Forsgren about this as soon as possible.

Thank you so much for considering my request.

Sincerely,

Peter Robertson



Peter D. Robertson  
The Pebble Partnership  
1330 Connecticut Avenue, NW  
Washington, DC 20036

202-629-3392

Message

---

**From:** Peter Robertson [peterrobertson@pebblepartnership.com]  
**Sent:** 2/26/2018 5:51:33 PM  
**To:** Forsgren, Lee [Forsgren.Lee@epa.gov]  
**Subject:** BBWA

Lee,

Thanks again for meeting with Tom Collier and me when Tom was here two weeks ago. We appreciated your making yourself available and your willingness to listen to our ongoing concerns.

As Tom and I have talked about our meetings in Washington, one of the issues that has come up is a continuing concern on our part about the Bristol Bay Watershed Assessment. You, and others with whom we have spoken in EPA and at other agencies, were not with the Agency when the BBWA was being drafted and completed. I suspect you have certainly not read the voluminous comments that we submitted, addressing concerns with both the substance of the Assessment and the process by which it was prepared. Those concerns are every bit as important today as they were when the BBWA came out, because the Agency is obviously still relying to a significant degree on the BBWA to make decisions regarding Pebble (as evidenced by the concerns about the risk of a mine as enunciated in the decision not to withdraw the Proposed Determination).

Tom would appreciate the opportunity to brief you, along with others in the Agency and perhaps representatives from other agencies involved in this process as well. He is out of the country now, but will be back in country and in Washington DC on Friday, March 9. He might also be in Washington during the following week.

If that timing doesn't work, we could almost certainly do this as a conference call (perhaps as a webinar with some slides as well). That may be the easiest way to do it and to involve people in other offices at EPA and in other agencies.

Please let me know if you have the time and inclination to hear our concerns. We believe that understanding them is crucial to making informed decisions. We appreciate your consideration of our request.

Best,

Peter



Peter D. Robertson  
The Pebble Partnership  
1330 Connecticut Avenue, NW

Washington, DC 20036

202-629-3392

Message

---

**From:** Schwab, Justin [Schwab.Justin@epa.gov]  
**Sent:** 12/4/2017 11:45:59 PM  
**To:** Peter Robertson [peterrobertson@pebblepartnership.com]  
**CC:** Fotouhi, David [Fotouhi.David@epa.gov]  
**Subject:** RE: status check

We'll call you at 4.

---

**From:** Peter Robertson [mailto:peterrobertson@pebblepartnership.com]  
**Sent:** Monday, December 4, 2017 6:44 PM  
**To:** Schwab, Justin <Schwab.Justin@epa.gov>  
**Cc:** Fotouhi, David <Fotouhi.David@epa.gov>  
**Subject:** Re: status check

that works like a charm. thanks so much for getting back to me.

I'm happy to call you, or you can call me in my office (202-629-3392). Let me know your preferences.

Best,

Peter

---

**From:** Schwab, Justin <Schwab.Justin@epa.gov>  
**Sent:** Monday, December 4, 2017 6:41:54 PM  
**To:** Peter Robertson  
**Cc:** Fotouhi, David  
**Subject:** RE: status check

Peter,

Sorry we didn't connect today. David (cc'd here) and I could do 4 PM on Wednesday if that works for you.

---

**From:** Peter Robertson [mailto:peterrobertson@pebblepartnership.com]  
**Sent:** Monday, December 4, 2017 10:49 AM  
**To:** Schwab, Justin <Schwab.Justin@epa.gov>  
**Subject:** Re: status check

Justin,

Would still like to try to connect with you when you have a moment. I'm traveling today and tomorrow, but available by telephone nearly anytime today. Then back in the office on Wednesday.

Are you available for a quick chat?

Thanks.

Peter

---

**From:** Peter Robertson  
**Sent:** Tuesday, November 28, 2017 9:05:23 AM  
**To:** Schwab, Justin  
**Subject:** Re: status check

Hi Justin.

Just following up on this email from earlier in the month. Do you have time to talk today?

Hope all is well.

Peter

Peter D. Robertson  
202-629-3392  
Sent from my iPhone

---

**From:** Peter Robertson  
**Sent:** Tuesday, November 14, 2017 12:43:39 PM  
**To:** Schwab, Justin  
**Subject:** status check

Justin,

I hope all is well with you. I'm pleased to see that EPA is getting a bigger component of political appointees in, finally.

I'm wondering whether you can shed any light on the likelihood that the Agency's work on withdrawing the proposed determination will be done before the end of the year. Would appreciate hearing your thoughts as to that. I know you have said before that the Administrator wants this done quickly, and we obviously appreciate that. I'm not looking for a specific date, but rather can you estimate that it will be done before the end of the year or is it more likely to be done in the first quarter of 2018?

I hope it goes without saying that I'm not looking for any information about how the decision will come out -- to withdraw or not -- only information on the timing.

Thanks for anything you can share.

Best,

Peter

## Appointment

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**From:** Tyson, Linda [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=D7AD12AF04F64468B18E3960F2A77781-TYSON, LIND]  
**Sent:** 1/4/2018 10:18:30 PM  
**To:** Hladick, Christopher [hladick.christopher@epa.gov]; David Allnutt (Allnutt.David@epa.gov) [Allnutt.David@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; jiani@perkinscoie.com  
**CC:** Stern, Allyn [Stern.Allyn@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]  
**Subject:** EPA/Pebble Limited Partnership Meeting  
**Location:** EPA Offices  
**Start:** 2/8/2018 5:00:00 PM  
**End:** 2/8/2018 6:00:00 PM  
**Show Time As:** Busy

## Appointment

---

**From:** Tyson, Linda [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=D7AD12AF04F64468B18E3960F2A77781-TYSON, LIND]  
**Sent:** 1/4/2018 10:18:30 PM  
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**CC:** Stern, Allyn [Stern.Allyn@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]  
**Subject:** EPA/Pebble Limited Partnership Meeting  
**Attachments:** Pebble Partnership project overview.pdf  
**Location:** EPA Offices  
**Start:** 2/8/2018 5:00:00 PM  
**End:** 2/8/2018 6:00:00 PM  
**Show Time As:** Busy

**Location:** EPA Offices, 1200 6<sup>th</sup> Avenue (Park Place Building at corner of 6<sup>th</sup> & University). Please check in at the security desk on the first floor. For questions/assistance, please contact us at 206-553-1234.

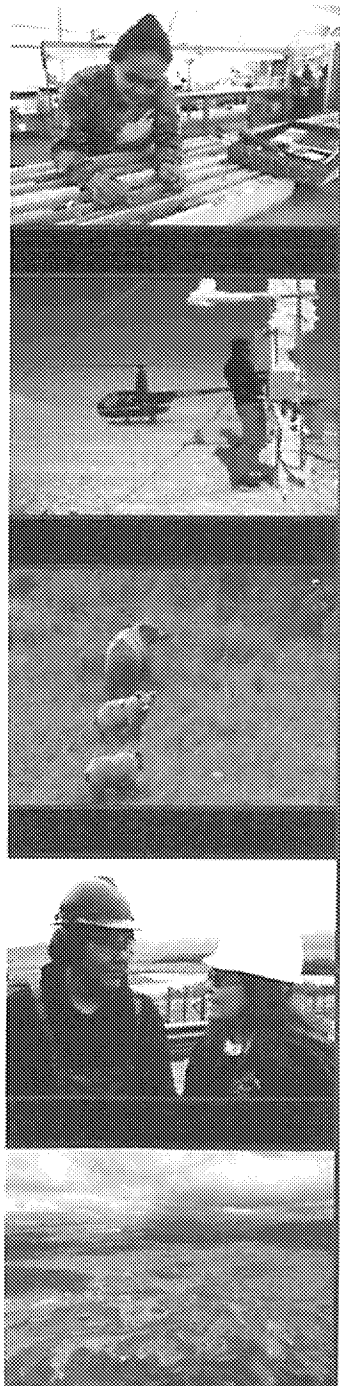
- Attendees on behalf of Pebble Limited Partnership: John Shively, Peter Robertson, James Fuego, and John Iani.
- Attendees on behalf of EPA: Chris Hladick, David Allnutt, Allyn Stern, Ashley Palomaki, Patty McGrath

POC: John Iani, Perkins Coie LLP; cell 206-412-5531; [jiani@perkinscoie.com](mailto:jiani@perkinscoie.com)



**EPA Region 10  
Project Overview  
February 8, 2018**

**John Shively – Chairman  
James Fueg – Vice President, Permitting**







2

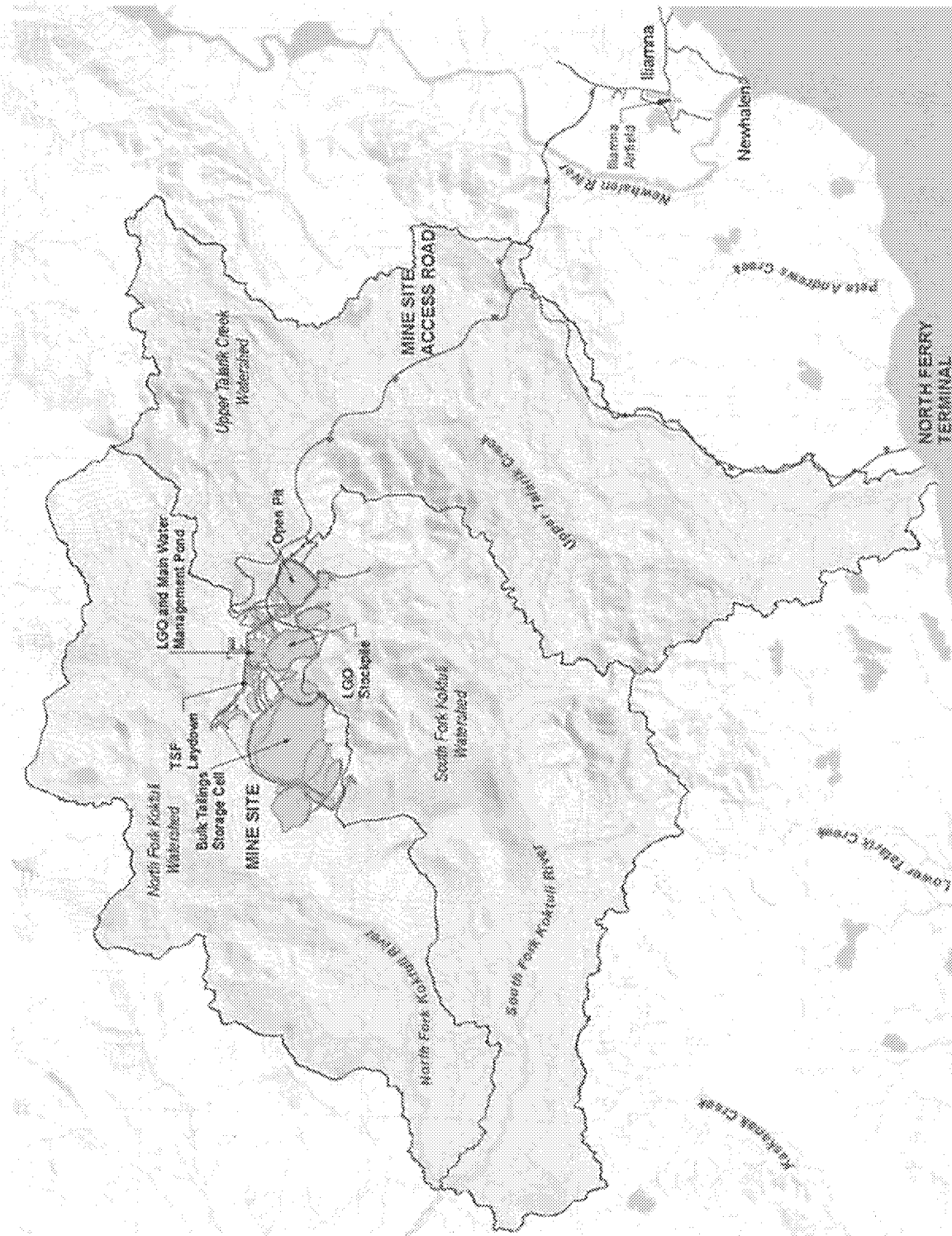


# Project Summary

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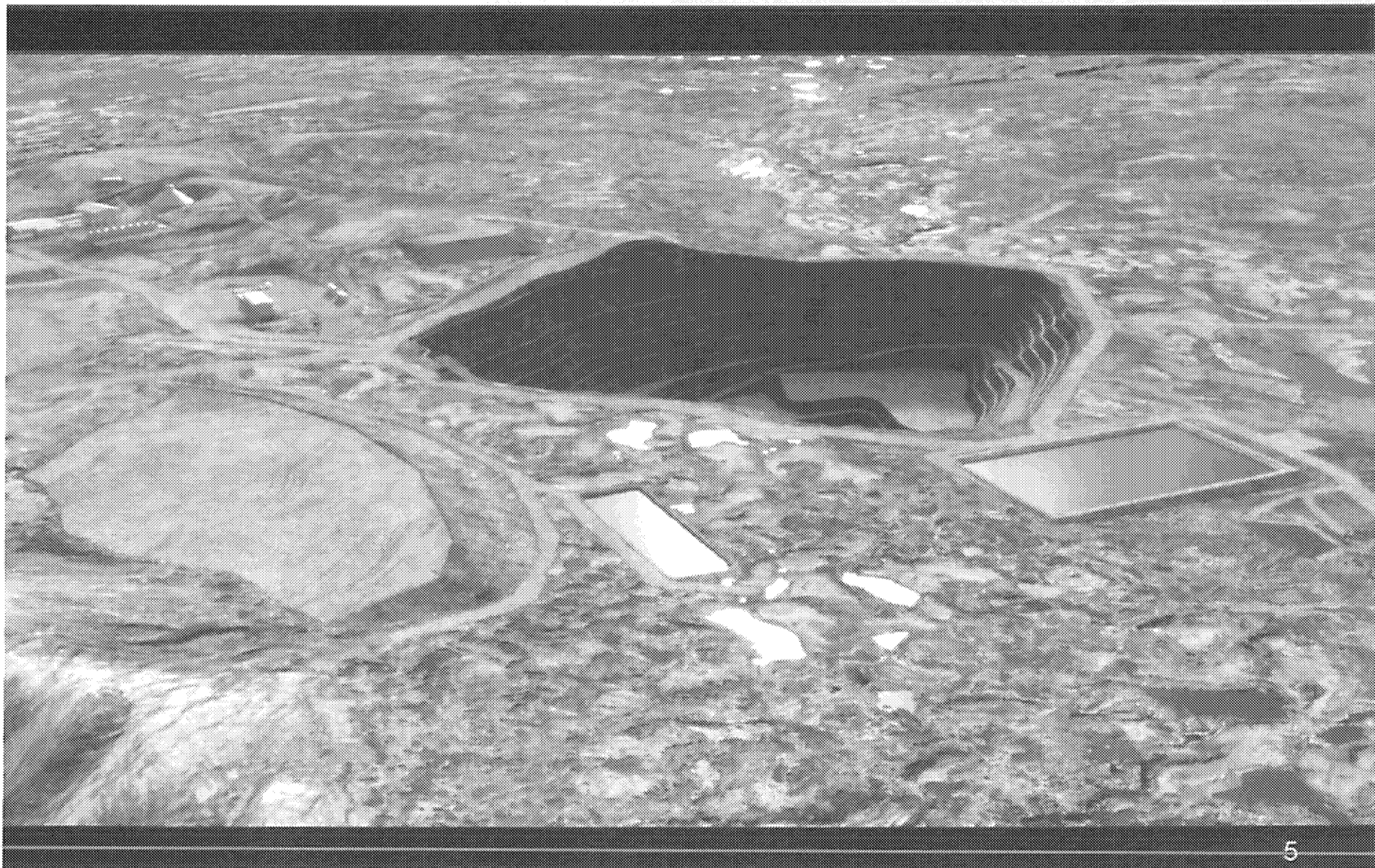
- 20-year operating life
- 1.2 billion tons of material mined
- Annual processing rate of 58 million tons
- Annual Cu-Au concentrate 600 thousand tons
- Annual Mo concentrate 15 thousand tons
- No permanent waste rock storage facility
- Segregated storage of bulk and pyritic tailings
- 230 megawatt gas fired powerplant
- Gas pipeline from Anchor Point
- Road and lake ferry to Cook Inlet
- 850 jobs during operations

# Layout and Major Drainages



# Mining

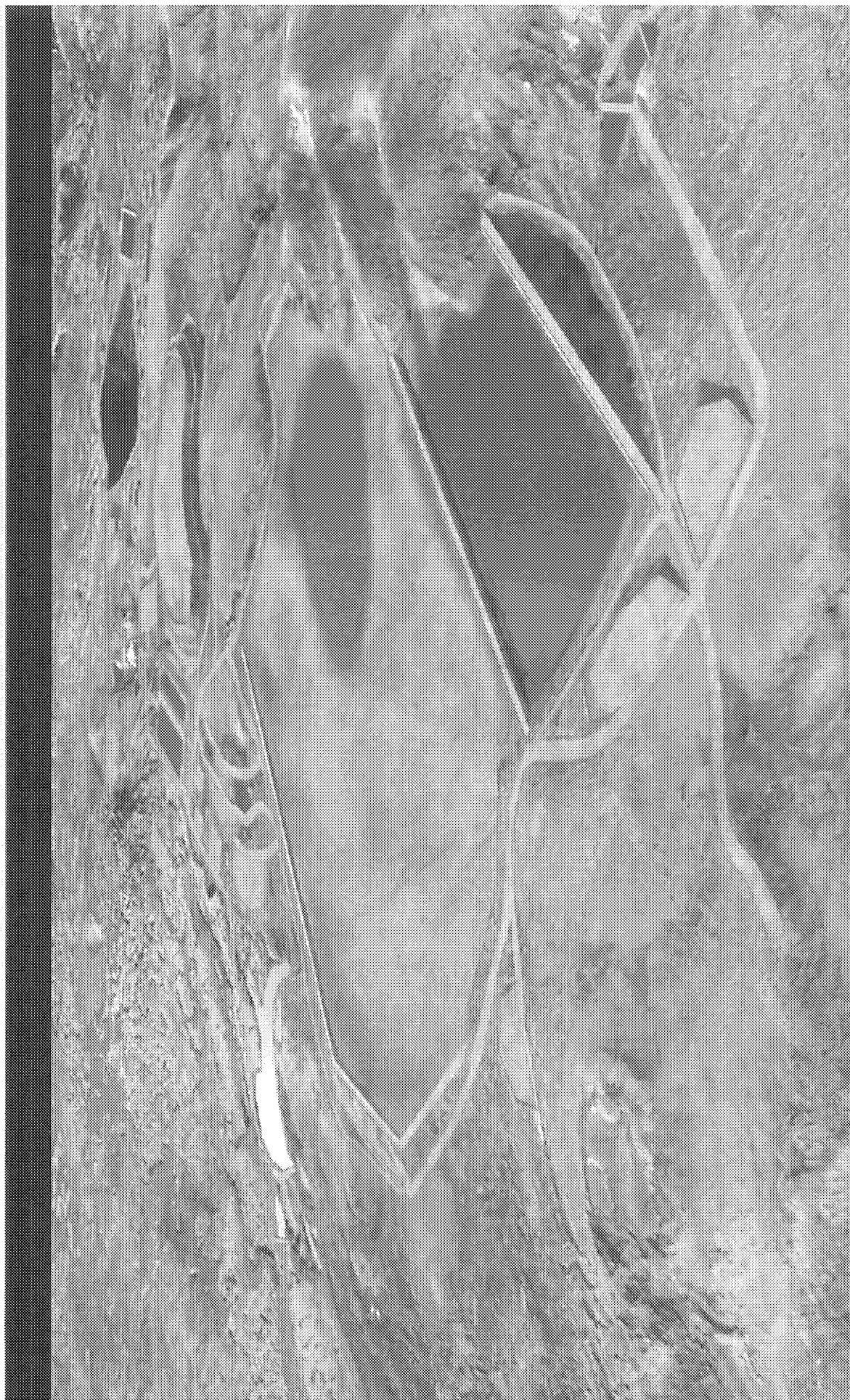
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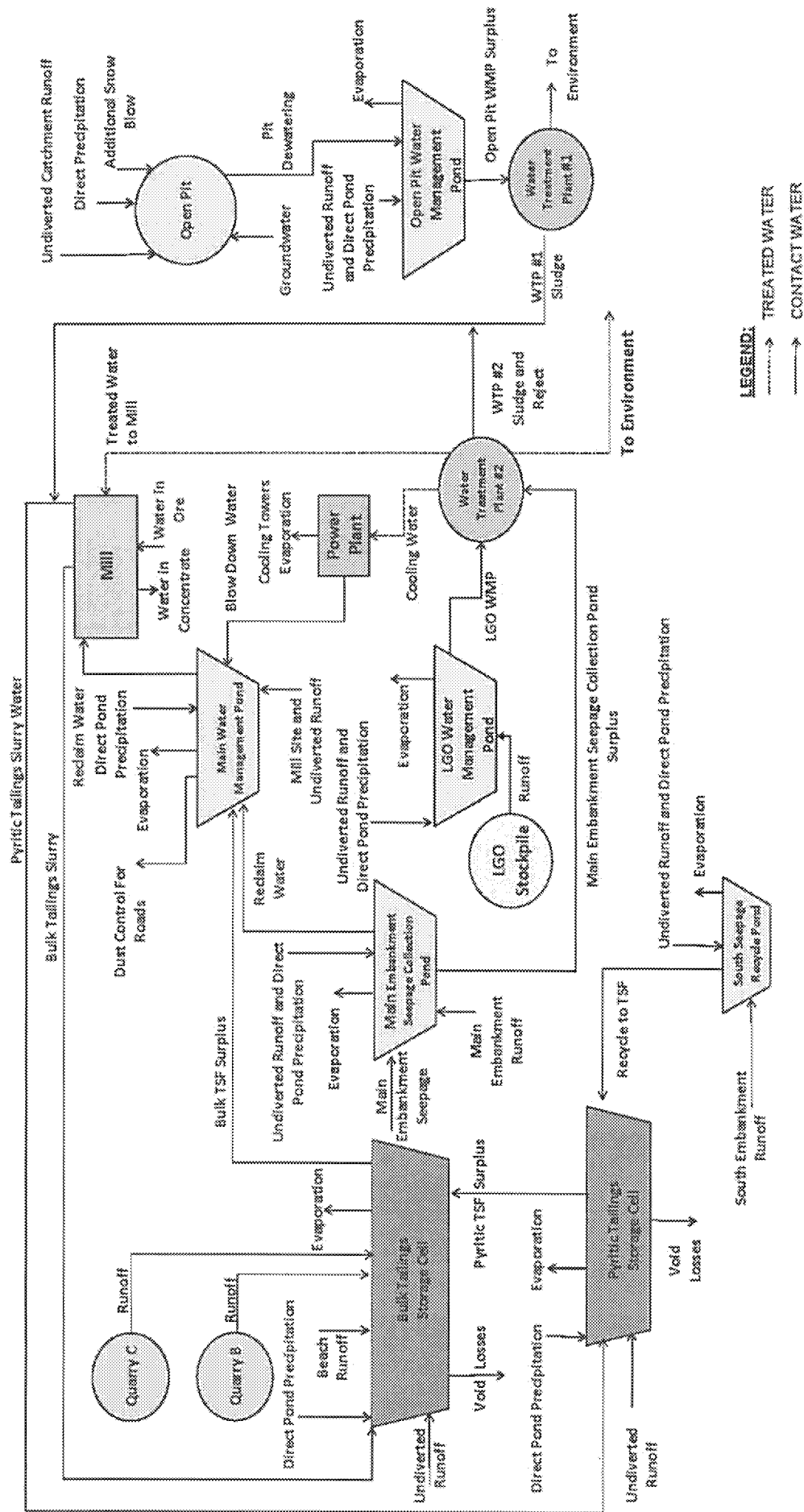


# Tailings Storage Facility

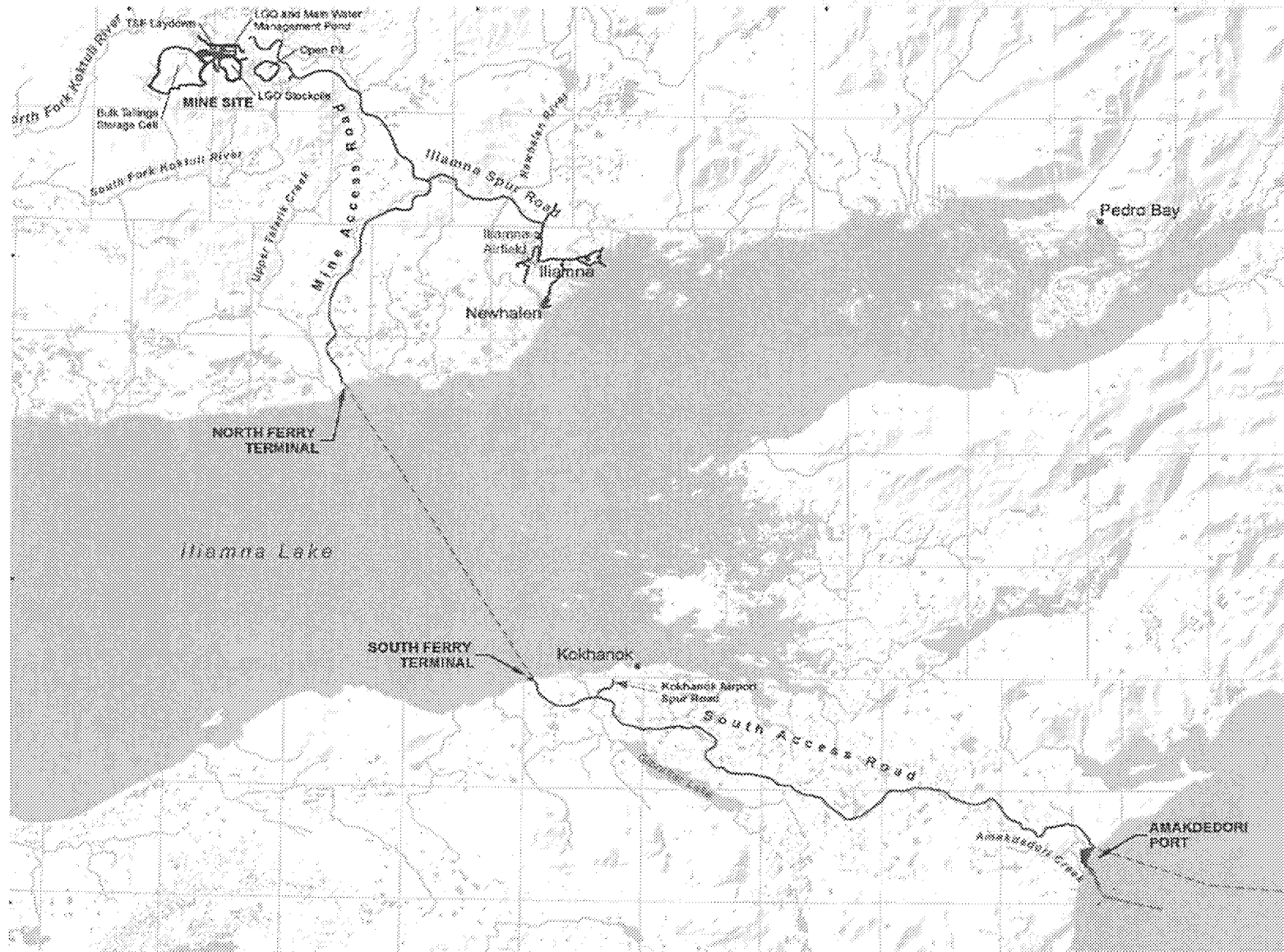
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# Water Balance



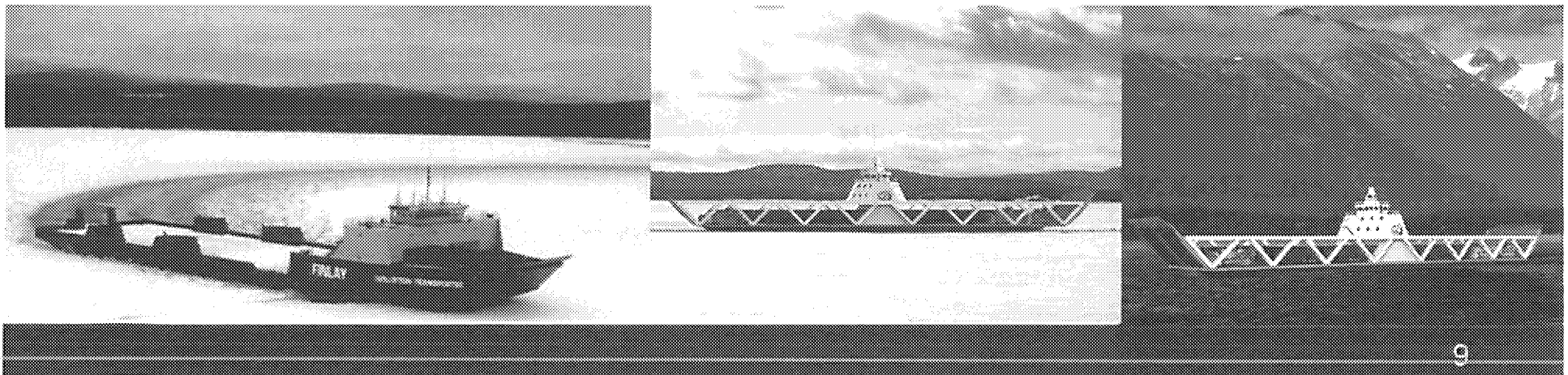
# Access





# Iliamna Lake Ferry

- **Ice breaking ferry for year-round operation**
  - Design based on operating ferry on Williston Lake
- **Ferry will be constructed at the south ferry terminal location**
- **Average of one round trip per day**
  - 3 hours each way in ice
  - 1.5 hours each way in open water

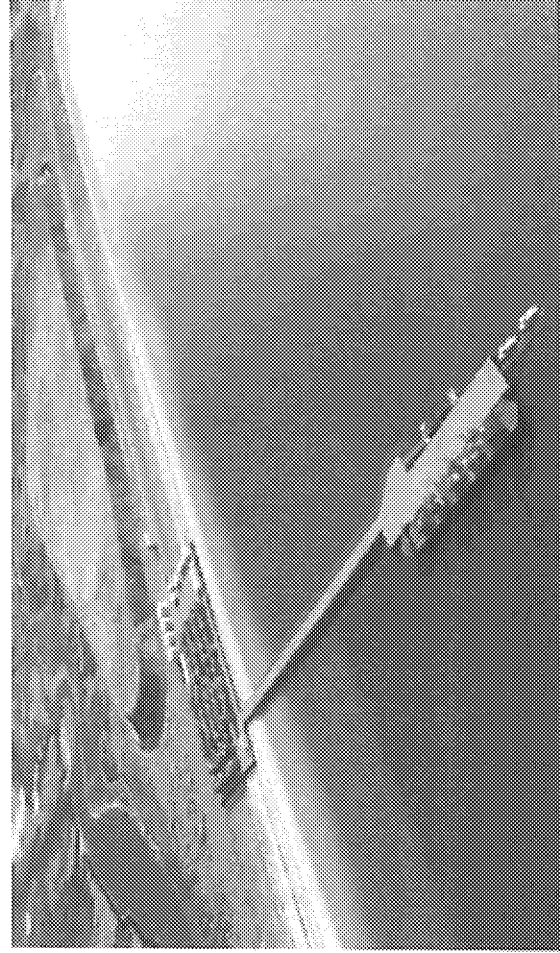
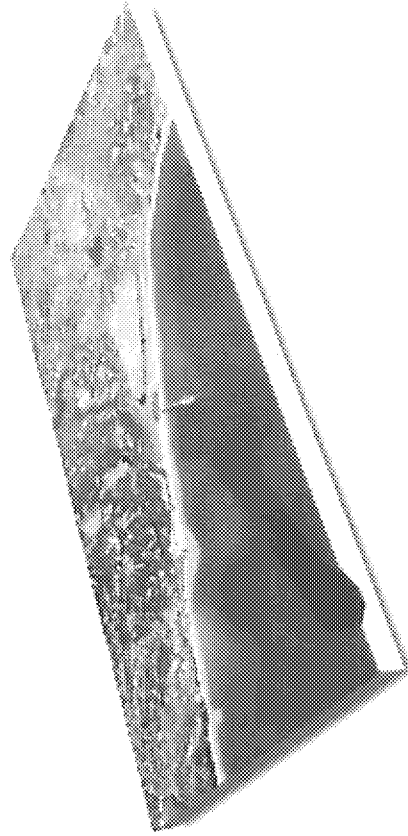




# Amakdedori Port Site

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- Causeway and jetty
- 50-ft draft dredged channel
- North side of jetty for supply barge access
- Annual operations traffic
  - Up to 25 concentrate vessels
  - Up to 30 supply barges



## Appointment

---

**From:** Tyson, Linda [Tyson.Linda@epa.gov]  
**Sent:** 2/5/2018 5:55:25 PM  
**To:** Allnutt, David [Allnutt.David@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; jiani@perkinscoie.com  
**CC:** Stern, Allyn [Stern.Allyn@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]  
  
**Subject:** EPA/Pebble Limited Partnership Meeting  
**Location:** EPA Offices  
  
**Start:** 2/8/2018 5:00:00 PM  
**End:** 2/8/2018 6:00:00 PM  
**Show Time As:** Tentative

## Appointment

---

**From:** McGrath, Patricia [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B5A069B6877F4EB985D83829C51EA4FA-MCGRATH, PA]  
**Sent:** 1/25/2018 8:17:47 PM  
**To:** Hladick, Christopher [hladick.christopher@epa.gov]  
**Subject:** Accepted: FW: EPA/Pebble Limited Partnership Meeting  
**Location:** EPA Offices  
**Start:** 2/8/2018 5:00:00 PM  
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**From:** McGrath, Patricia [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B5A069B6877F4EB985D83829C51EA4FA-MCGRATH, PA]  
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Message

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**From:** James Fueg [JamesFueg@pebblepartnership.com]  
**Sent:** 1/30/2018 5:30:09 PM  
**To:** McGrath, Patricia [mcgrath.patricia@epa.gov]  
**Subject:** RE: Feb 8 meeting with EPA

Patty  
Let me discuss this with our group and I will get back to you shortly.  
Thanks,  
James

James Fueg  
Vice President - Permitting



Main: (907) 339-2600  
Direct: (907) 339-2612  
3201 C Street, Suite 505  
Anchorage, AK 99503

---

**From:** McGrath, Patricia [mailto:mcgrath.patricia@epa.gov]  
**Sent:** Tuesday, January 30, 2018 7:21 AM  
**To:** James Fueg <JamesFueg@pebblepartnership.com>  
**Subject:** Feb 8 meeting with EPA

Hi James-

I was asked to reach out to Pebble to regarding the February 8 meeting with our Regional Administrator, Chris Hladick, to determine meeting attendance and an agenda.  
Could you share with me your list of attendees and topics you would like to discuss?  
Also, we should chat about whether you would like to have a separate meeting with our Pebble permit oversight/NEPA team.

Feel free to give me a call or to respond via email.

Thanks –  
Patty

**Patty McGrath | Mining Advisor**

U.S. Environmental Protection Agency, Region 10  
1200 Sixth Avenue, Seattle, WA 98101  
M/S: RAD-202  
Office: (206) 553-6113  
Cell: (206) 743-7068  
[mcgrath.patricia@epa.gov](mailto:mcgrath.patricia@epa.gov)

Message

---

**From:** James Fueg [jamesfueg@pebblepartnership.com]  
**Sent:** 2/7/2018 6:05:02 PM  
**To:** McGrath, Patricia [mcgrath.patricia@epa.gov]  
**Subject:** Re: meeting tomorrow

Patty

Thanks for letting me know. I have a flight at noon to get back to Anchorage for a meeting with the Corps, so I don't anticipate it running long from our side.

See you tomorrow.

James

---

**From:** McGrath, Patricia <mcgrath.patricia@epa.gov>  
**Sent:** Wednesday, February 7, 2018 9:59:09 AM  
**To:** James Fueg  
**Subject:** meeting tomorrow

Hi James-

I may need to leave the meeting with the RA tomorrow a bit early for a conference call (9:45-10:30).

I have set aside a room and time from 10:30 – 11:30 tomorrow if you and John would like to follow-up on anything.

Jill Nogi, EPA's NEPA manager is available from 10:30 – 11 and could join if needed.

Patty

**Patty McGrath | Mining Advisor**

U.S. Environmental Protection Agency, Region 10

1200 Sixth Avenue, Seattle, WA 98101

M/S: RAD-202

Office: (206) 553-6113

Cell: (206) 743-7068

[mcgrath.patricia@epa.gov](mailto:mcgrath.patricia@epa.gov)

## Appointment

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**From:** Tyson, Linda [Tyson.Linda@epa.gov]  
**Sent:** 2/5/2018 5:55:25 PM  
**To:** Allnutt, David [Allnutt.David@epa.gov]; Steiner-Riley, Cara [Steiner-Riley.Cara@epa.gov]; jiani@perkinscoie.com  
**CC:** Stern, Allyn [Stern.Allyn@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]  
  
**Subject:** EPA/Pebble Limited Partnership Meeting  
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- Attendees on behalf of Pebble Limited Partnership: John Shively, Peter Robertson, James Fuego, and John Iani.
- Attendees on behalf of EPA: Chris Hladick, David Allnutt, Allyn Stern, Ashley Palomaki, Patty McGrath

POC: John Iani, Perkins Coie LLP; cell 206-412-5531; [Jiani@perkinscoie.com](mailto:Jiani@perkinscoie.com)

Message

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**From:** McGrath, Patricia [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B5A069B6877F4EB985D83829C51EA4FA-MCGRATH, PA]  
**Sent:** 2/6/2018 6:05:15 PM  
**To:** James Fuego [jamesfuego@pebblepartnership.com]  
**Subject:** RE: Feb 8 meeting with EPA

Ok James. Thanks for letting me know.  
Patty

---

**From:** James Fuego [mailto:jamesfuego@pebblepartnership.com]  
**Sent:** Monday, February 5, 2018 11:29 AM  
**To:** McGrath, Patricia <mcgrath.patricia@epa.gov>  
**Subject:** Re: Feb 8 meeting with EPA

Patty  
Thank you. I have also just found out that Peter Robinson won't be able to join us Thursday, so it will be John Shively, John Iani, and myself.  
See you Thursday.  
Regards  
James

---

**From:** McGrath, Patricia <mcgrath.patricia@epa.gov>  
**Sent:** Monday, February 5, 2018 11:25:28 AM  
**To:** James Fuego  
**Subject:** RE: Feb 8 meeting with EPA

Hi James-  
Following are the EPA attendees.

Chris Hladick -Regional Administrator  
David Allnutt – Director, Office of Environmental Review and Assessment  
Allyn Stern- Regional Counsel, Office of Regional Counsel  
Ashley Palomaki – Assistant Regional Counsel, Office of Regional Counsel  
Patty McGrath – Mining Advisor

See you on Thursday.

Best,  
Patty

---

**From:** James Fuego [mailto:jamesfuego@pebblepartnership.com]  
**Sent:** Monday, February 5, 2018 9:50 AM  
**To:** McGrath, Patricia <mcgrath.patricia@epa.gov>  
**Subject:** Re: Feb 8 meeting with EPA

Patty  
Is there any update on who from EPA will be participating in the meeting Thursday?



Thanks,  
James

---

**From:** James Fueg  
**Sent:** Wednesday, January 31, 2018 2:14:14 PM  
**To:** McGrath, Patricia  
**Subject:** RE: Feb 8 meeting with EPA

Patty  
Thanks for the email. Attending for PLP will be:  
John Shively – PLP Chairman  
Peter Robertson – PLP Senior VP Corporate Affairs  
James Fueg – PLP VP Permitting  
John Iani – Perkins Coie

The primary purpose of the meeting is to introduce ourselves to the new Regional Administrator, give him an overview of our proposed project, and address any questions he may have for us about the project and the process that is starting.

I would suggest an agenda as follows:

1. Introductions
2. Project Overview
3. Process Q&A

I would appreciate it if you could let us know who will attend from the EPA team.

Thanks,  
James

James Fueg  
Vice President - Permitting



Main: (907) 339-2600  
Direct: (907) 339-2612  
3201 C Street, Suite 505  
Anchorage, AK 99503

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**From:** McGrath, Patricia [<mailto:mcgrath.patricia@epa.gov>]  
**Sent:** Tuesday, January 30, 2018 7:21 AM  
**To:** James Fueg <[JamesFueg@pebblepartnership.com](mailto:JamesFueg@pebblepartnership.com)>  
**Subject:** Feb 8 meeting with EPA

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Patty

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